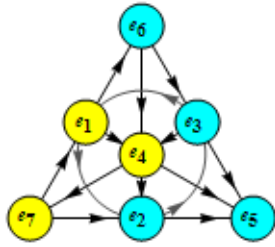


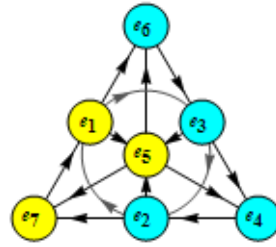
EBM183 Flip  $\{(1, 2, 3), (1, 4, 5), (1, 6, 7), (2, 6, 4), (2, 5, 7), (3, 4, 7), (3, 5, 6)\}$

No Flip  $\{(1, 3, 2), (1, 5, 4), (1, 6, 7), (2, 7, 4), (2, 5, 6), (3, 4, 6), (3, 5, 7)\}$



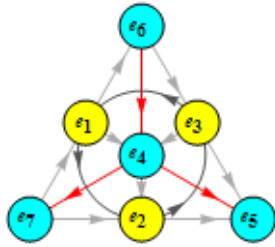
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	-1	1	-6	7	4	-5
3	2	-1	-1	7	6	-5	-4
4	-5	6	-7	-1	1	-2	3
5	4	-7	-6	-1	-1	3	2
6	-7	-4	5	2	-3	-1	1
7	6	5	4	-3	-2	-1	-1

Split=1(4, 5, 6, 7) Flipped



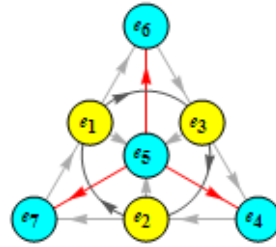
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	-1	-1	-7	6	-5	4
3	-2	1	-1	6	7	-4	-5
4	5	7	-6	-1	-1	3	-2
5	-4	-6	-7	1	-1	2	3
6	-7	5	4	-3	-2	-1	1
7	6	-4	5	2	-3	-1	-1

Split=1(4, 5, 6, 7) Not Flipped



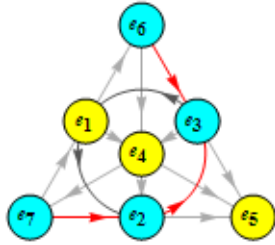
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	-1	1	-6	7	4	-5
3	2	-1	-1	7	6	-5	-4
4	-5	6	-7	1	-1	2	-3
5	4	-7	-6	1	1	-3	-2
6	-7	-4	5	-2	3	1	-1
7	6	5	4	3	2	1	1

Split=2(2, 3, 6, 7) Flipped



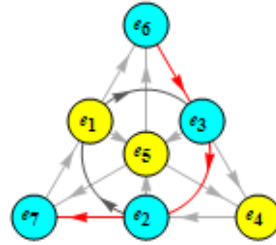
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	-1	-1	-7	6	-5	4
3	-2	1	-1	6	7	-4	-5
4	5	7	-6	1	1	-3	2
5	-4	-6	-7	-1	1	-2	-3
6	-7	5	4	3	2	1	-1
7	6	-4	5	-2	3	1	1

Split=2(2, 3, 6, 7) Not Flipped



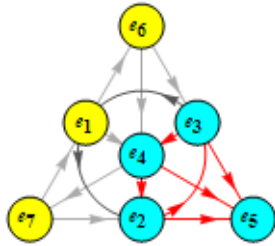
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	1	-1	-6	7	-4	5
3	2	1	1	7	6	5	4
4	-5	6	-7	-1	1	-2	3
5	4	-7	-6	-1	-1	3	2
6	-7	-4	5	2	-3	1	-1
7	6	-5	-4	-3	-2	1	1

Split=3(2, 3, 4, 5) Flipped



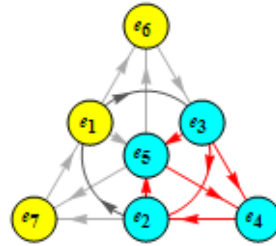
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	1	1	-7	6	5	-4
3	-2	-1	1	6	7	4	5
4	5	7	-6	-1	-1	3	-2
5	-4	-6	-7	1	-1	2	3
6	-7	-5	-4	-3	-2	1	-1
7	6	4	-5	2	-3	1	1

Split=3(2, 3, 4, 5) Not Flipped



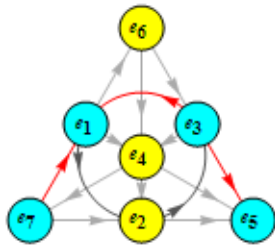
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	1	-1	6	-7	4	-5
3	2	1	1	-7	-6	-5	-4
4	-5	-6	7	1	-1	-2	3
5	4	7	6	1	1	3	2
6	-7	-4	5	2	-3	-1	1
7	6	5	4	-3	-2	-1	-1

Split=4(1, 3, 5, 7) Flipped



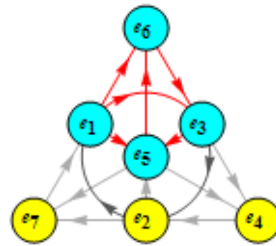
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	1	1	7	-6	-5	4
3	-2	-1	1	-6	-7	-4	-5
4	5	-7	6	1	1	3	-2
5	-4	6	7	-1	1	2	3
6	-7	5	4	-3	-2	-1	1
7	6	-4	5	2	-3	-1	-1

Split=4(1, 3, 5, 7) Not Flipped



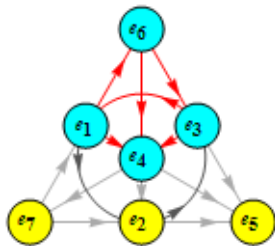
0→1	1	2	3	4	5	6	7
1	1	3	2	5	4	7	6
2	-3	-1	1	-6	7	4	-5
3	-2	-1	1	7	-6	-5	4
4	-5	6	-7	-1	1	-2	3
5	-4	-7	6	-1	1	3	-2
6	-7	-4	5	2	-3	-1	1
7	-6	5	-4	-3	2	-1	1

Split=5(1, 3, 4, 6) Flipped



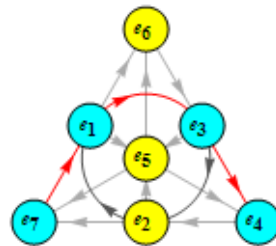
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-5	-4	-7	-6
2	3	-1	-1	-7	6	-5	4
3	2	1	1	6	-7	4	-5
4	5	7	-6	-1	-1	3	-2
5	-4	-6	7	1	1	-2	3
6	-7	5	-4	-3	2	1	1
7	6	-4	5	2	-3	-1	-1

Split=5(1, 3, 4, 6) Not Flipped



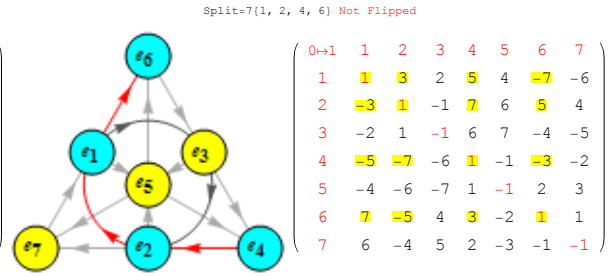
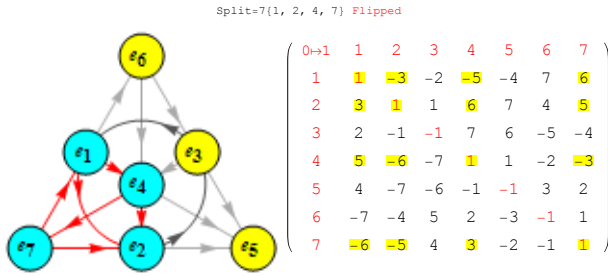
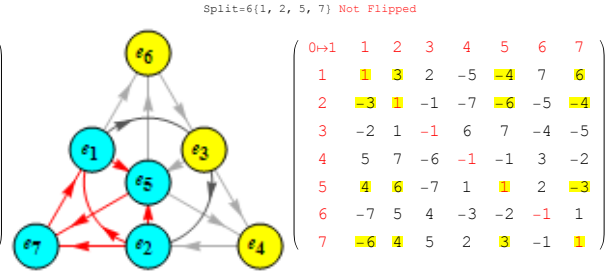
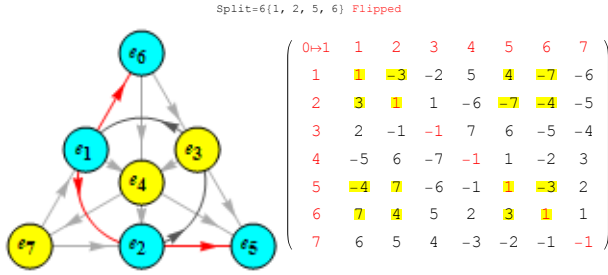
0→1	1	2	3	4	5	6	7
1	1	3	2	5	-4	-7	-6
2	-3	-1	1	-6	7	4	-5
3	-2	-1	1	7	6	5	-4
4	5	6	7	1	1	2	3
5	4	-7	-6	-1	-1	3	2
6	-7	-4	5	2	-3	1	1
7	6	5	4	-3	-2	-1	-1

Split=5(1, 3, 4, 7) Flipped



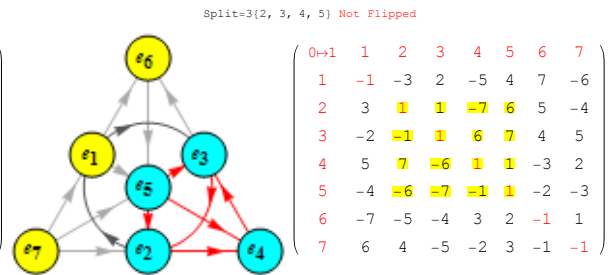
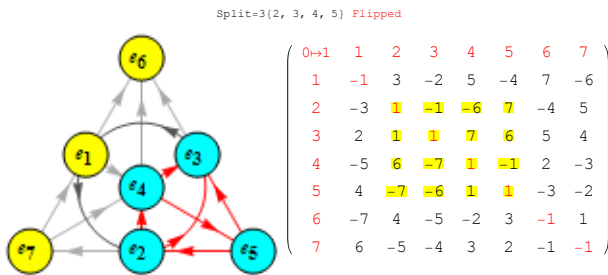
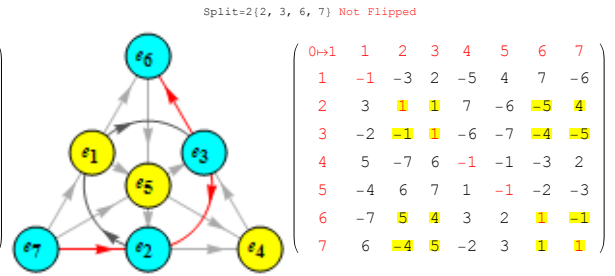
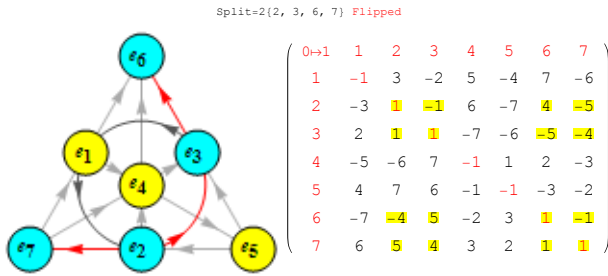
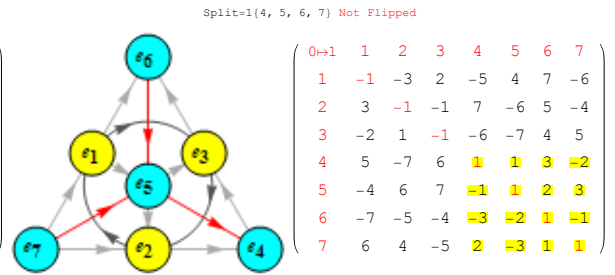
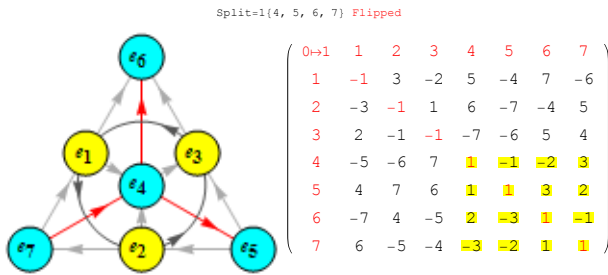
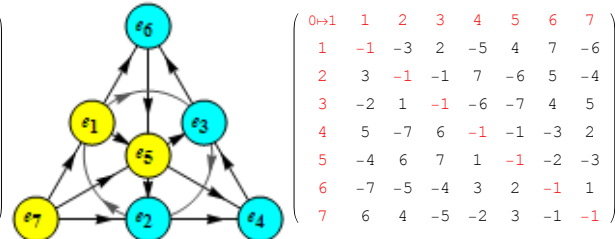
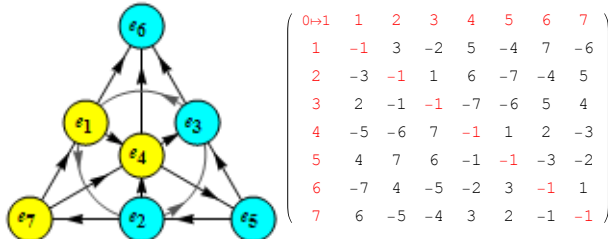
0→1	1	2	3	4	5	6	7
1	1	-3	-2	5	4	7	6
2	3	-1	-1	-7	6	-5	4
3	2	1	1	-6	7	-4	5
4	-5	7	6	1	-1	3	2
5	-4	-6	-7	1	-1	2	3
6	-7	5	4	-3	-2	-1	1
7	-6	-4	5	-2	-3	-1	1

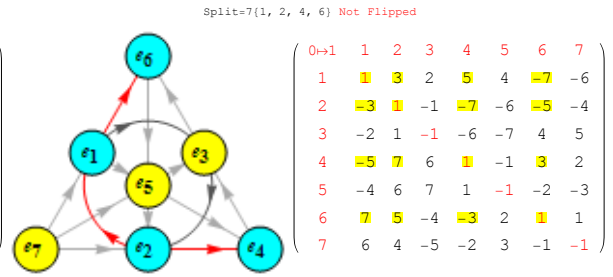
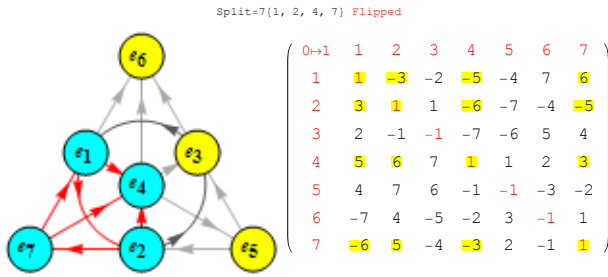
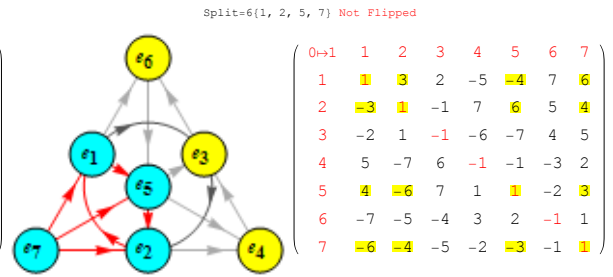
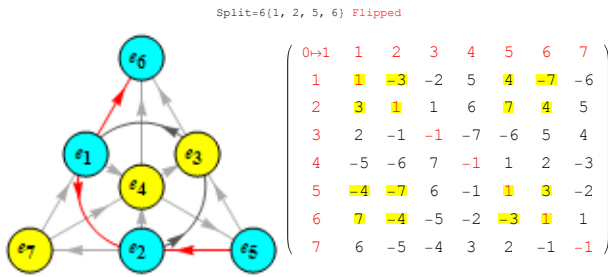
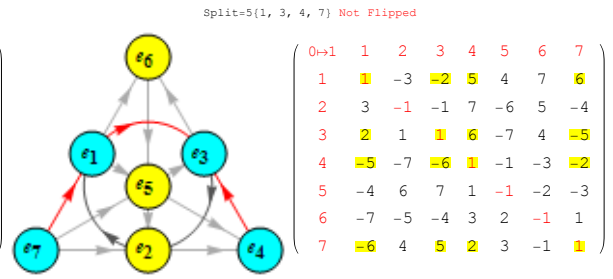
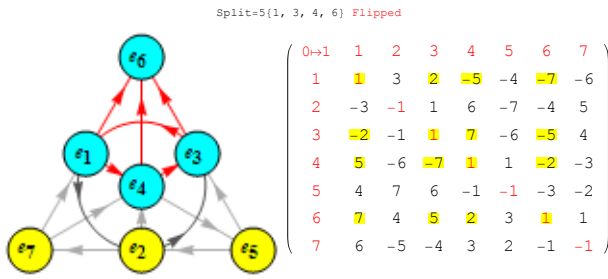
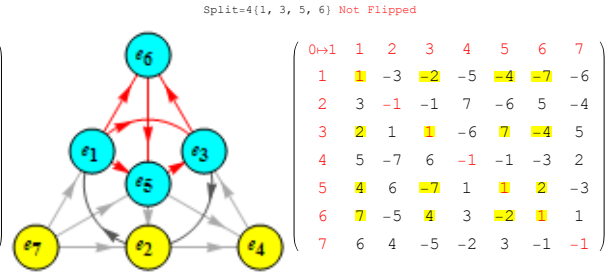
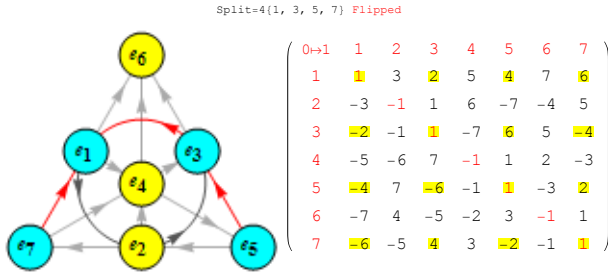
Split=5(1, 3, 4, 7) Not Flipped



EB8185 Flip ((1, 2, 3), (1, 4, 5), (1, 6, 7), (2, 4, 6), (2, 7, 5), (3, 7, 4), (3, 6, 5))

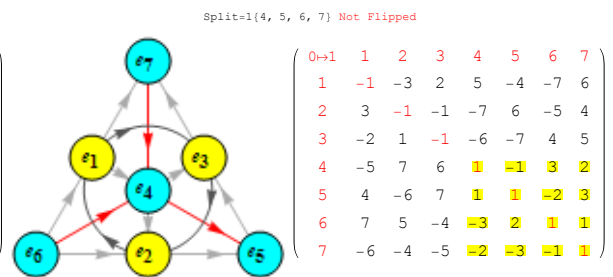
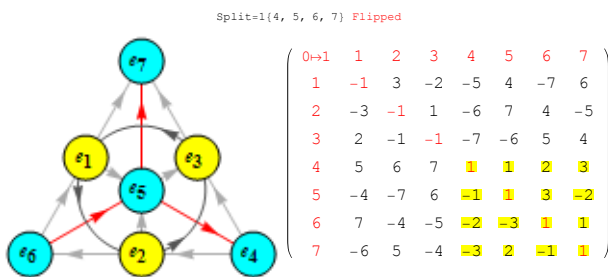
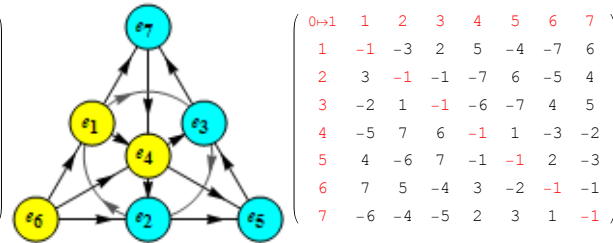
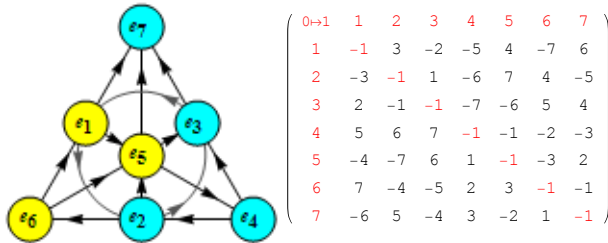
No Flip ((1, 3, 2), (1, 5, 4), (1, 6, 7), (2, 4, 7), (2, 6, 5), (3, 6, 4), (3, 7, 5))

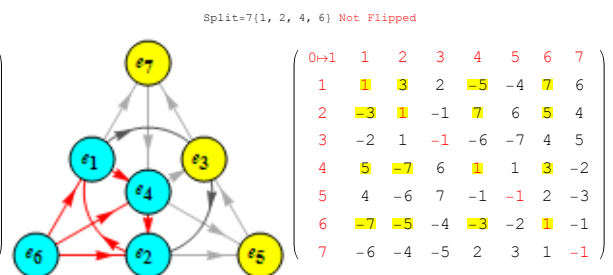
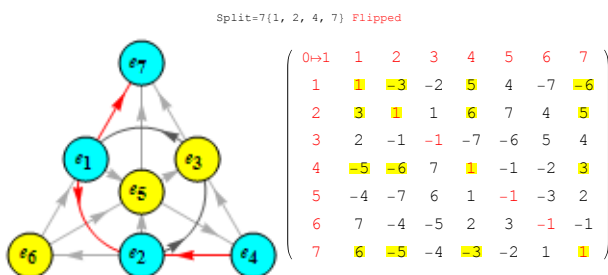
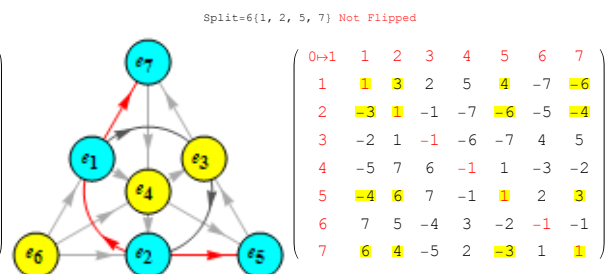
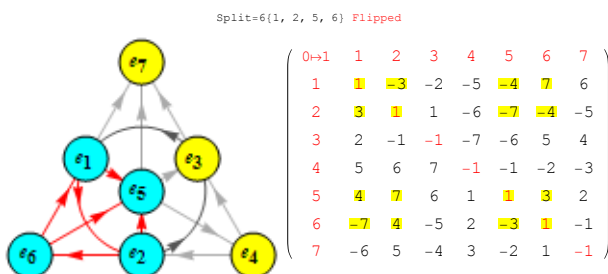
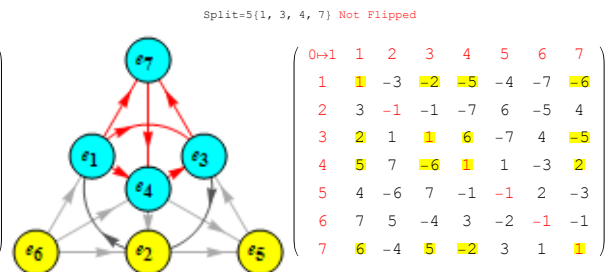
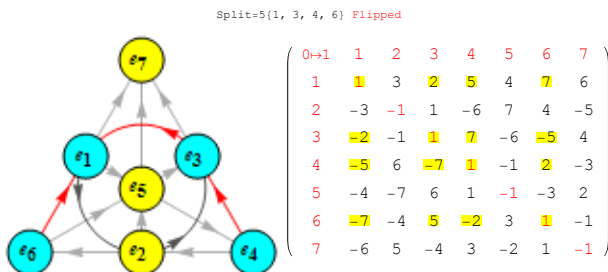
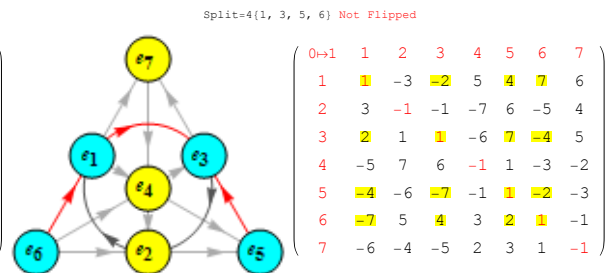
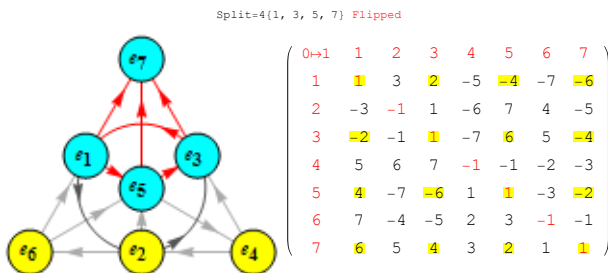
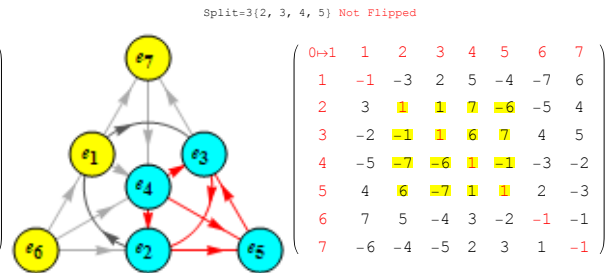
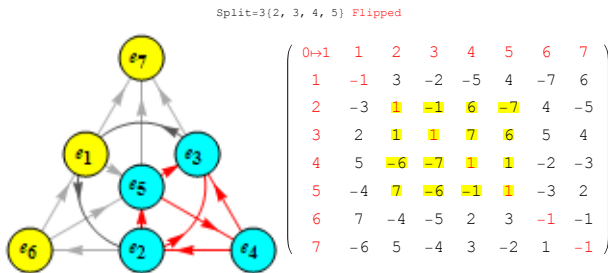
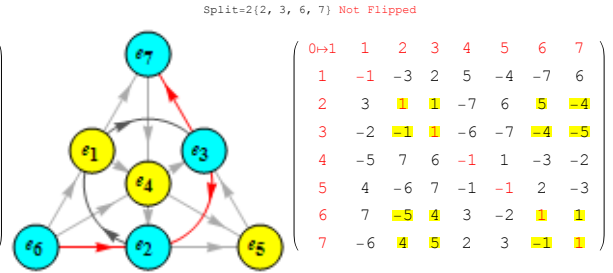
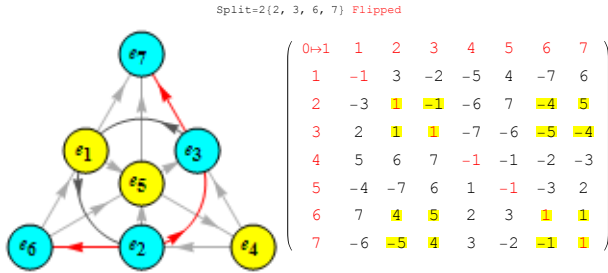




EB176 Flip {(1, 2, 3), (1, 5, 4), (1, 7, 6), (2, 6, 4), (2, 5, 7), (3, 7, 4), (3, 6, 5)}

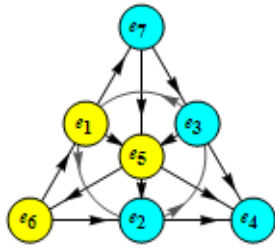
No Flip {(1, 3, 2), (1, 4, 5), (1, 7, 6), (2, 7, 4), (2, 5, 6), (3, 6, 4), (3, 7, 5)}





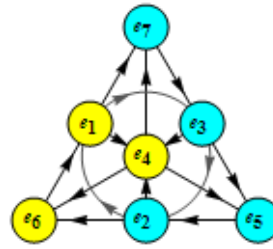
EBM192 Flip  $\{(1, 2, 3), (1, 5, 4), (1, 7, 6), (2, 4, 6), (2, 7, 5), (3, 4, 7), (3, 5, 6)\}$

No Flip  $\{(1, 3, 2), (1, 4, 5), (1, 7, 6), (2, 4, 7), (2, 6, 5), (3, 4, 6), (3, 5, 7)\}$



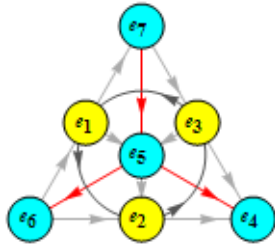
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-5	4	-7	6
2	-3	-1	1	6	-7	-4	5
3	2	-1	-1	7	6	-5	-4
4	5	-6	-7	-1	-1	2	3
5	-4	7	-6	1	-1	3	-2
6	7	4	5	-2	-3	-1	-1
7	-6	-5	4	-3	2	1	-1

Split=1{4, 5, 6, 7} Flipped



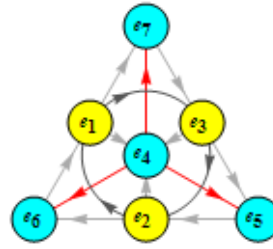
0→1	1	2	3	4	5	6	7
1	-1	-3	2	5	-4	-7	6
2	3	-1	-1	7	-6	5	-4
3	-2	1	-1	6	7	-4	-5
4	-5	-7	-6	-1	1	3	2
5	4	6	-7	-1	-1	-2	3
6	7	-5	4	-3	2	-1	-1
7	-6	4	5	-2	-3	1	-1

Split=1{4, 5, 6, 7} Not Flipped



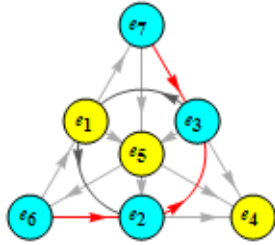
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-5	4	-7	6
2	-3	-1	1	6	-7	-4	5
3	2	-1	-1	7	6	-5	-4
4	5	-6	-7	1	1	-2	-3
5	-4	7	-6	-1	1	-3	2
6	7	4	5	2	3	1	1
7	-6	-5	4	3	-2	-1	1

Split=2{2, 3, 6, 7} Flipped



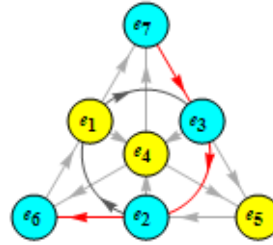
0→1	1	2	3	4	5	6	7
1	-1	-3	2	5	-4	-7	6
2	3	-1	-1	7	-6	5	-4
3	-2	1	-1	6	7	-4	-5
4	-5	-7	-6	1	-1	-3	-2
5	4	6	-7	1	1	2	-3
6	7	-5	4	3	-2	1	1
7	-6	4	5	2	3	-1	1

Split=2{2, 3, 6, 7} Not Flipped



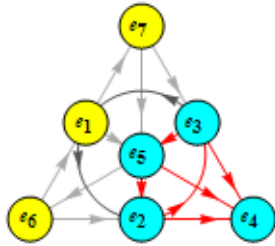
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-5	4	-7	6
2	-3	1	-1	6	-7	-4	5
3	2	1	1	7	6	5	4
4	5	-6	-7	-1	-1	2	3
5	-4	7	-6	1	-1	3	-2
6	7	-4	-5	-2	-3	1	1
7	-6	5	-4	-3	2	-1	1

Split=3{2, 3, 4, 5} Flipped



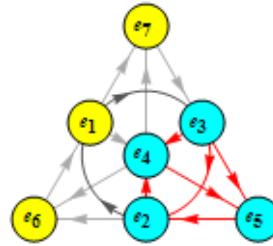
0→1	1	2	3	4	5	6	7
1	-1	-3	2	5	-4	-7	6
2	3	1	1	7	-6	-5	4
3	-2	-1	1	6	7	4	5
4	-5	-7	-6	-1	1	3	2
5	4	6	-7	-1	-1	-2	3
6	7	5	-4	-3	2	1	1
7	-6	-4	-5	-2	-3	-1	1

Split=3{2, 3, 4, 5} Not Flipped



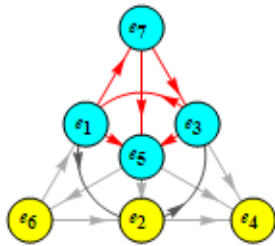
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-5	4	-7	6
2	-3	1	-1	6	-7	-4	5
3	2	1	1	7	6	-5	-4
4	5	6	7	1	1	2	3
5	-4	-7	6	-1	1	3	-2
6	7	4	5	-2	-3	-1	-1
7	-6	-5	4	-3	2	1	-1

Split=4{1, 3, 5, 7} Flipped



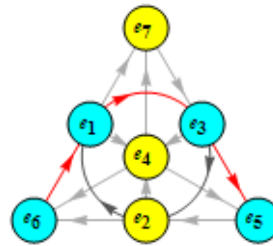
0→1	1	2	3	4	5	6	7
1	-1	-3	2	5	-4	-7	6
2	3	1	1	7	6	5	-4
3	-2	-1	1	6	-7	-4	-5
4	-5	7	6	1	-1	3	2
5	4	-6	7	1	1	-2	3
6	7	-5	4	-3	2	-1	-1
7	-6	4	5	-2	-3	1	-1

Split=4{1, 3, 5, 7} Not Flipped



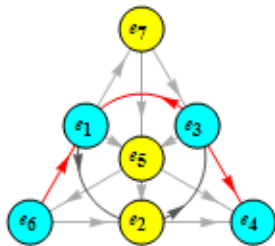
0→1	1	2	3	4	5	6	7
1	1	3	2	-5	-4	-7	-6
2	-3	-1	1	6	-7	-4	5
3	-2	-1	1	7	-6	-5	4
4	5	-6	-7	-1	-1	2	3
5	4	7	6	1	1	3	2
6	7	4	5	-2	-3	-1	-1
7	6	-5	-4	-3	-2	1	1

Split=5{1, 3, 4, 6} Flipped



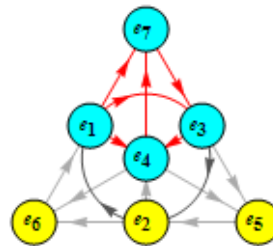
0→1	1	2	3	4	5	6	7
1	1	-3	-2	5	4	7	6
2	3	-1	-1	7	-6	5	-4
3	2	1	1	6	-7	4	-5
4	-5	-7	-6	-1	1	3	2
5	-4	6	7	-1	1	2	3
6	7	-5	-4	-3	-2	1	-1
7	-6	4	5	-2	-3	1	-1

Split=5{1, 3, 4, 6} Not Flipped



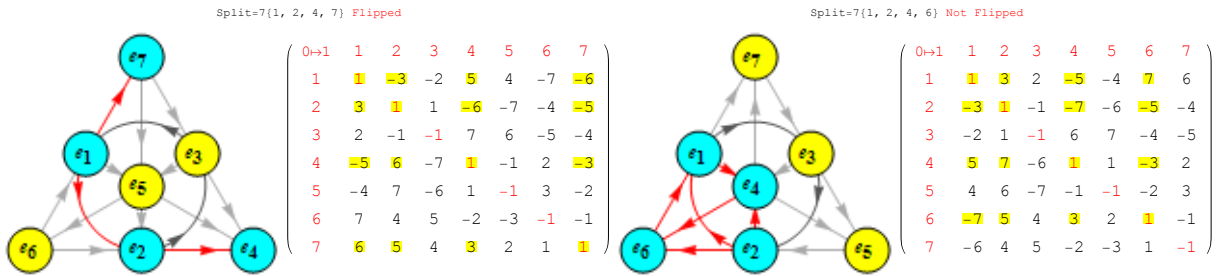
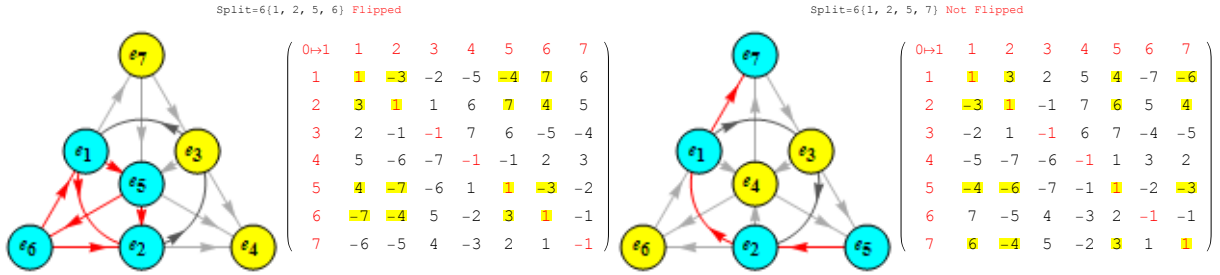
0→1	1	2	3	4	5	6	7
1	1	3	2	5	4	7	6
2	-3	-1	1	6	-7	-4	5
3	-2	-1	1	7	6	5	-4
4	-5	-6	7	1	-1	-2	3
5	-4	7	-6	1	-1	3	-2
6	-7	4	-5	2	-3	1	-1
7	6	-5	4	-3	2	1	-1

Split=5{1, 3, 4, 7} Flipped



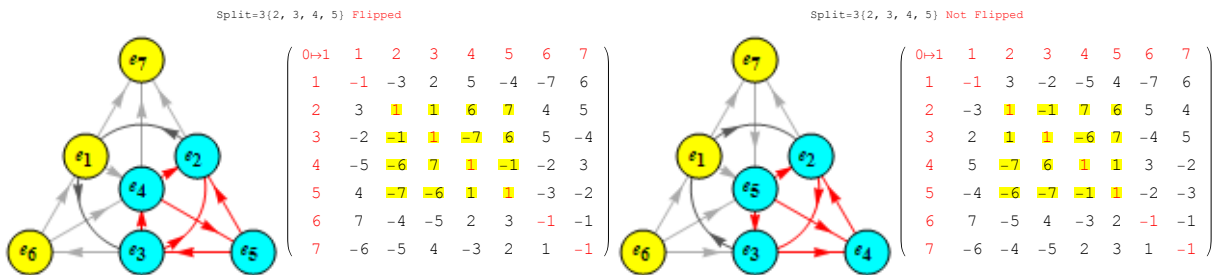
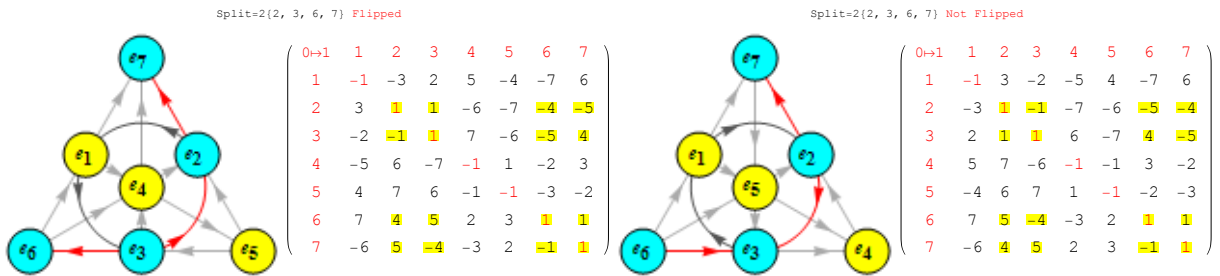
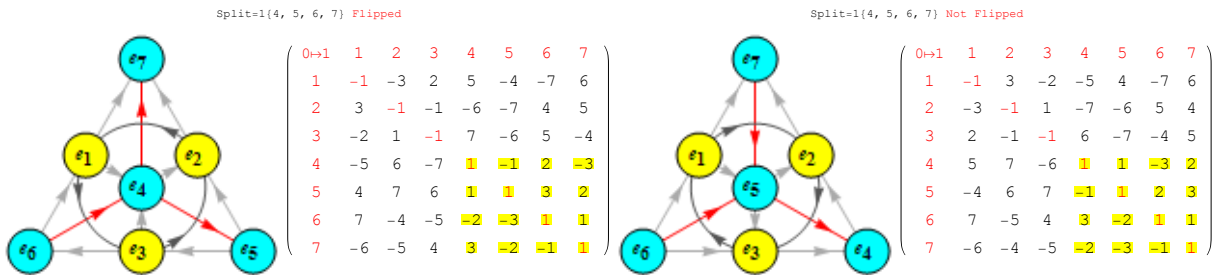
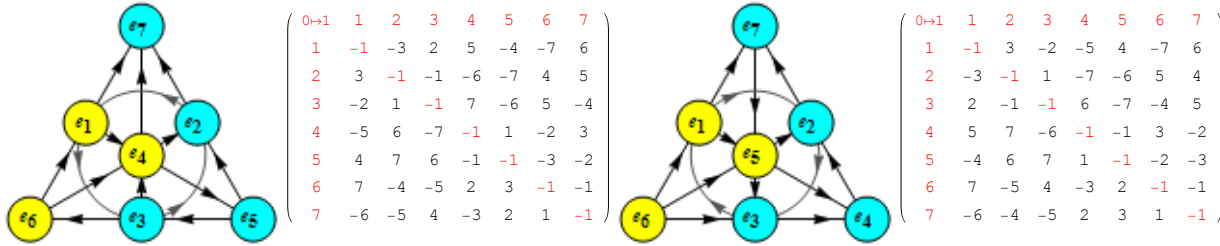
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-5	-4	-7	-6
2	3	-1	-1	7	-6	5	-4
3	2	1	1	6	7	-4	5
4	5	-7	6	1	1	3	-2
5	4	6	-7	-1	-1	-2	3
6	7	-5	4	-3	2	-1	-1
7	6	4	-5	2	-3	1	1

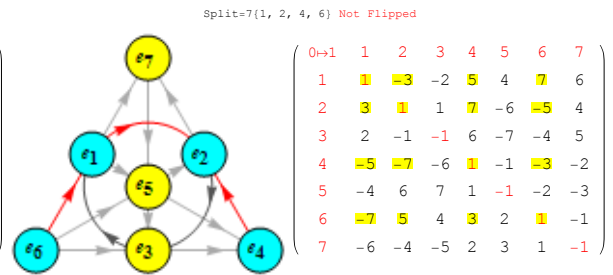
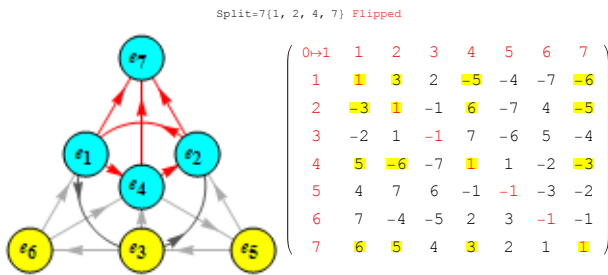
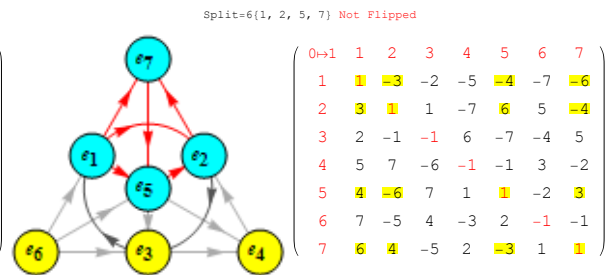
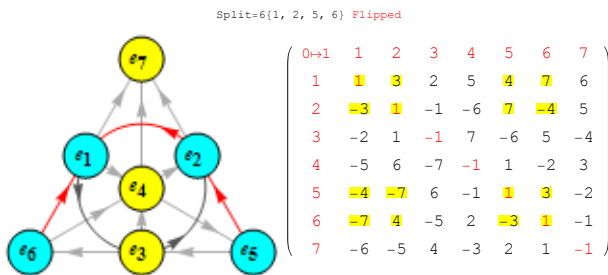
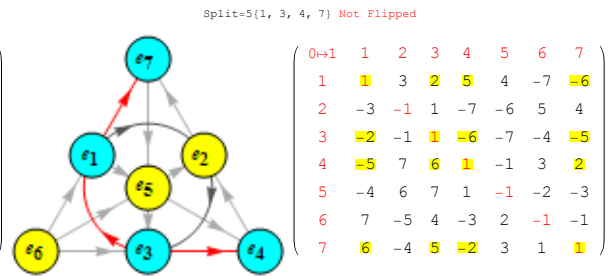
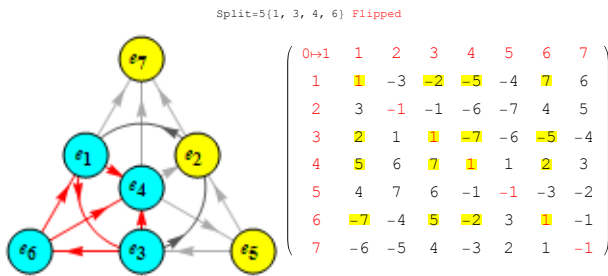
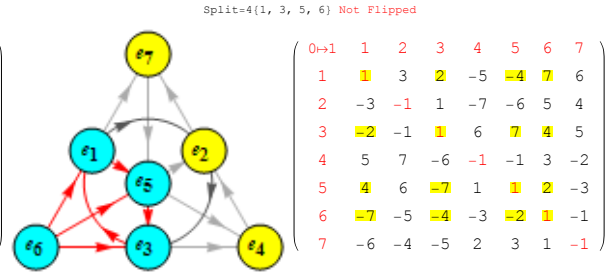
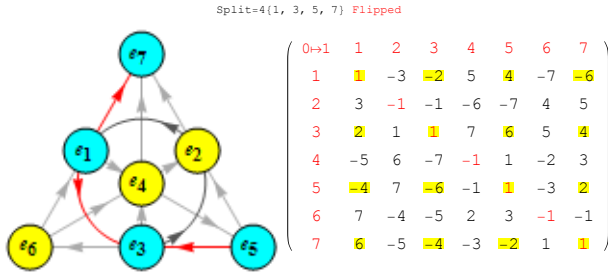
Split=5{1, 3, 4, 7} Not Flipped



EBH41 Flip ((1, 3, 2), (1, 4, 5), (1, 7, 6), (2, 6, 4), (2, 7, 5), (3, 4, 7), (3, 6, 5))

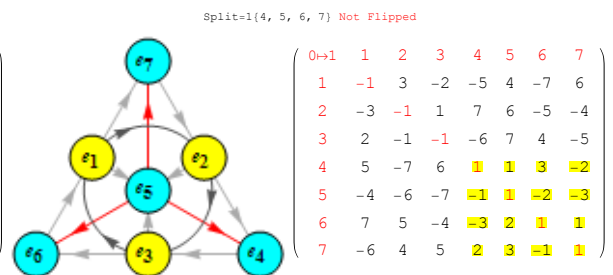
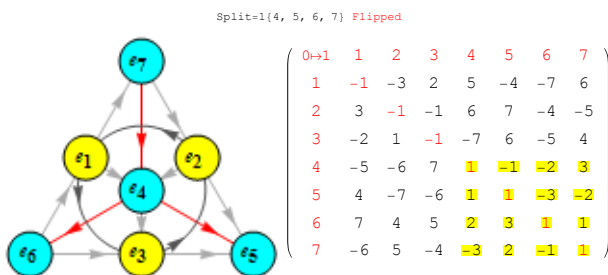
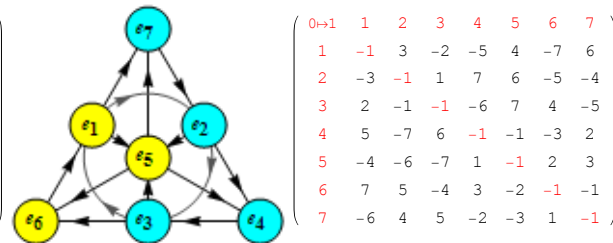
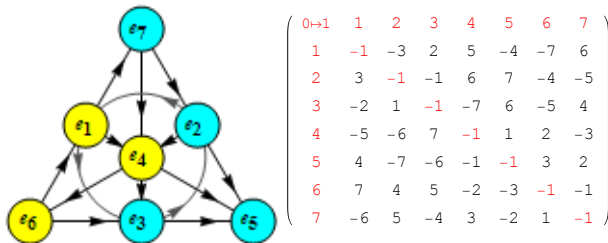
No Flip ((1, 2, 3), (1, 5, 4), (1, 7, 6), (2, 7, 4), (2, 6, 5), (3, 4, 6), (3, 7, 5))

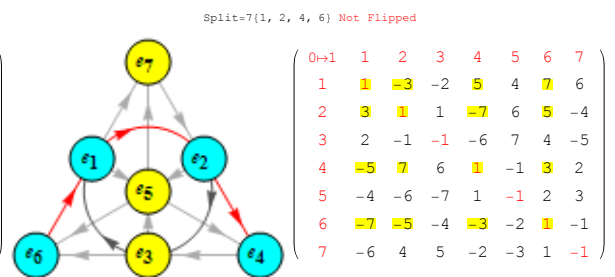
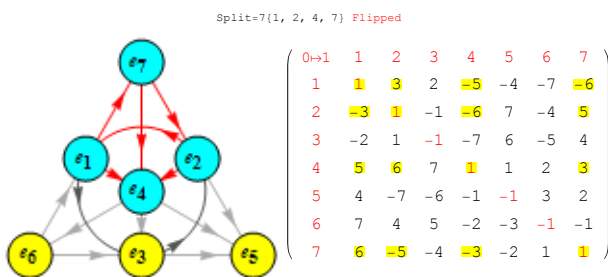
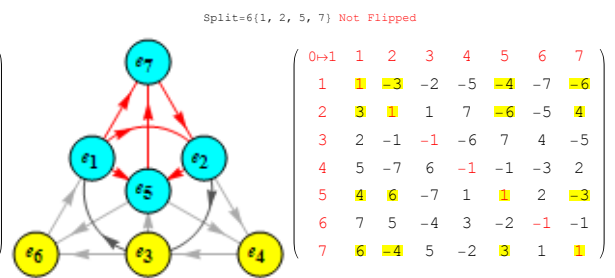
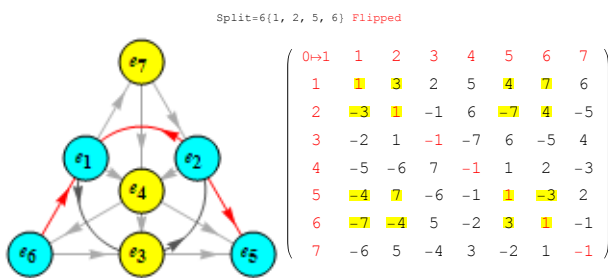
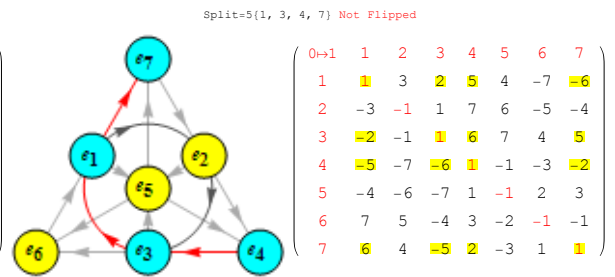
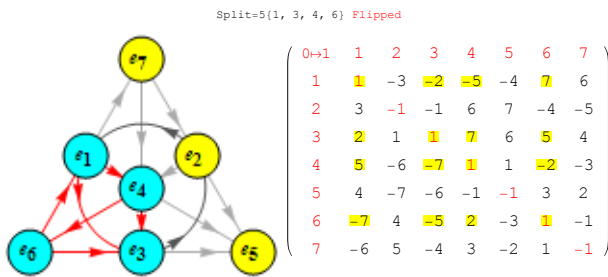
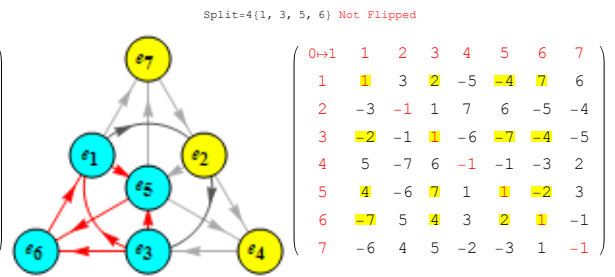
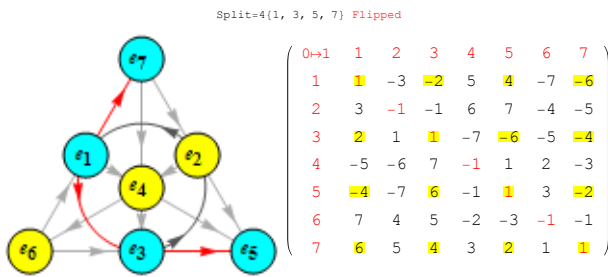
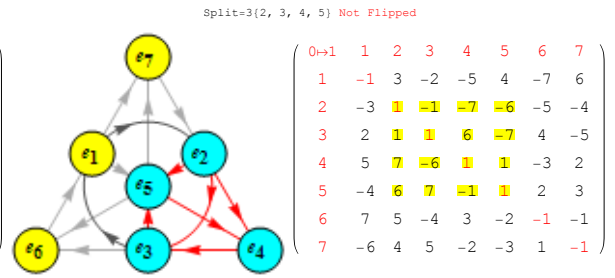
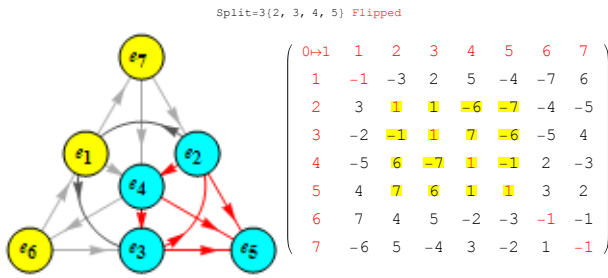
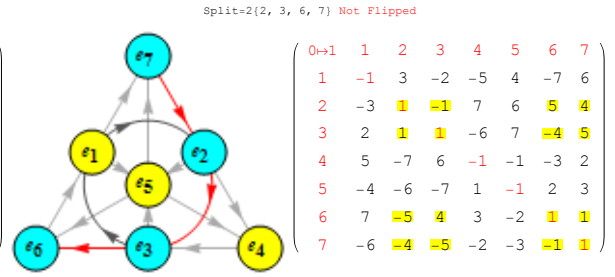
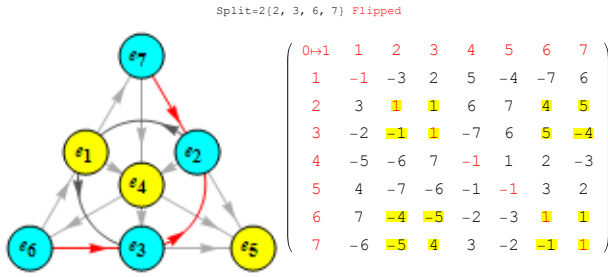




EBH203 Flip {(1, 3, 2), (1, 4, 5), (1, 7, 6), (2, 4, 6), (2, 5, 7), (3, 7, 4), (3, 5, 6)}

No Flip {(1, 2, 3), (1, 5, 4), (1, 7, 6), (2, 4, 7), (2, 5, 6), (3, 6, 4), (3, 5, 7)}

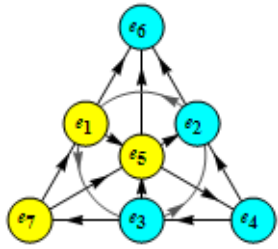






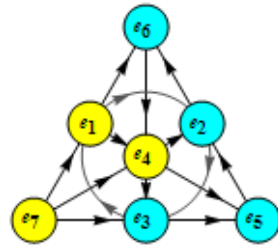
EBH48 Flip  $\{(1, 3, 2), (1, 5, 4), (1, 6, 7), (2, 6, 4), (2, 7, 5), (3, 7, 4), (3, 5, 6)\}$

No Flip  $\{(1, 2, 3), (1, 4, 5), (1, 6, 7), (2, 7, 4), (2, 6, 5), (3, 6, 4), (3, 5, 7)\}$



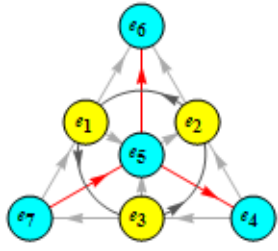
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	-7	6	-5	4
4	5	6	7	-1	-1	-2	-3
5	-4	7	-6	1	-1	3	-2
6	-7	-4	5	2	-3	-1	1
7	6	-5	-4	3	2	-1	-1

Split=1(4, 5, 6, 7) Flipped



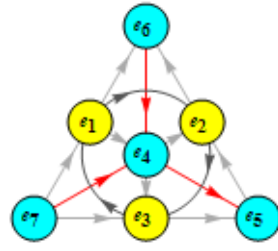
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	-6	7	4	-5
4	-5	7	6	-1	1	-3	-2
5	4	6	-7	-1	-1	-2	3
6	-7	-5	-4	3	2	-1	1
7	6	-4	5	2	-3	-1	-1

Split=1(4, 5, 6, 7) Not Flipped



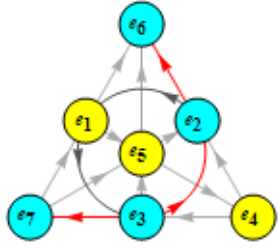
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	-7	6	-5	4
4	5	6	7	1	1	2	3
5	-4	7	-6	-1	1	-3	2
6	-7	-4	5	-2	3	1	-1
7	6	-5	-4	-3	-2	1	1

Split=2(2, 3, 6, 7) Flipped



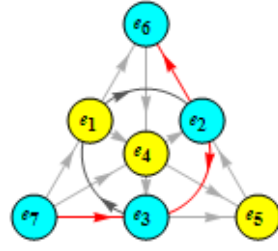
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	-6	7	4	-5
4	-5	7	6	1	-1	3	2
5	4	6	-7	1	1	2	-3
6	-7	-5	-4	-3	-2	1	-1
7	6	-4	5	-2	3	1	1

Split=2(2, 3, 6, 7) Not Flipped



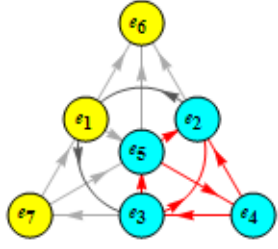
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	1	1	-6	-7	-4	-5
3	-2	-1	1	-7	6	5	-4
4	5	6	7	-1	-1	-2	-3
5	-4	7	-6	1	-1	3	-2
6	-7	4	-5	2	-3	1	-1
7	6	5	4	3	2	1	1

Split=3(2, 3, 4, 5) Flipped



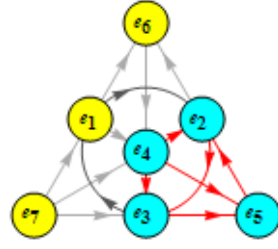
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	1	-1	-7	-6	-5	-4
3	2	1	1	-6	7	-4	5
4	-5	7	6	-1	1	-3	-2
5	4	6	-7	-1	-1	-2	3
6	-7	5	4	3	2	1	-1
7	6	4	-5	2	-3	1	1

Split=3(2, 3, 4, 5) Not Flipped



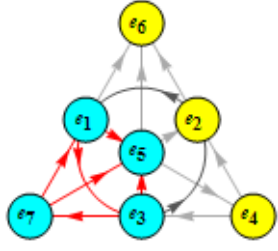
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	7	-6
2	3	1	1	6	7	4	5
3	-2	-1	1	7	-6	-5	4
4	5	-6	-7	1	1	-2	-3
5	-4	-7	6	-1	1	3	-2
6	-7	-4	5	2	-3	-1	1
7	6	-5	-4	3	2	-1	-1

Split=4(1, 3, 5, 7) Flipped



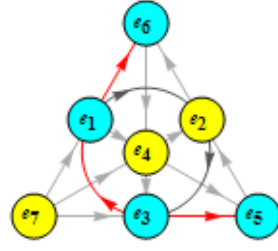
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	7	-6
2	-3	1	-1	7	6	5	4
3	2	1	1	6	-7	4	-5
4	-5	-7	-6	1	-1	-3	-2
5	4	-6	7	1	1	-2	3
6	-7	-5	-4	3	2	-1	1
7	6	-4	5	2	-3	-1	-1

Split=4(1, 3, 5, 6) Not Flipped



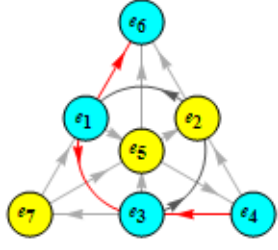
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-5	-4	7	6
2	3	-1	-1	-6	-7	4	5
3	2	1	1	-7	-6	-5	-4
4	5	6	7	-1	-1	-2	-3
5	4	7	6	1	1	3	2
6	-7	-4	5	2	-3	-1	1
7	-6	-5	4	3	-2	-1	1

Split=5(1, 3, 4, 6) Flipped

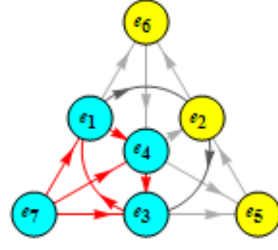


0→1	1	2	3	4	5	6	7
1	1	3	2	5	4	-7	-6
2	-3	-1	1	-7	-6	5	4
3	-2	-1	1	-6	-7	-4	-5
4	-5	7	6	-1	1	-3	-2
5	-4	6	7	-1	1	2	3
6	7	-5	4	3	2	-1	1
7	6	-4	5	2	-3	-1	-1

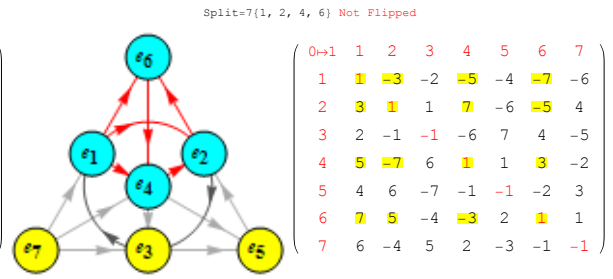
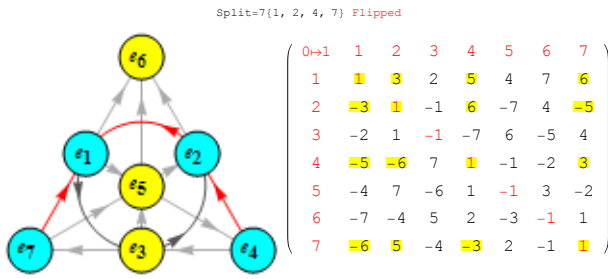
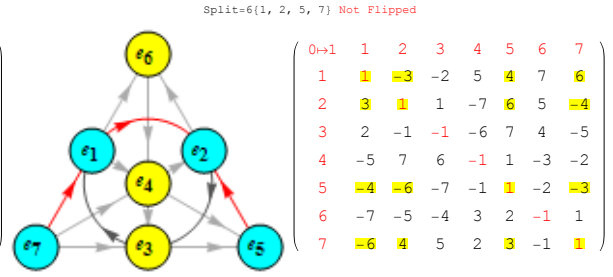
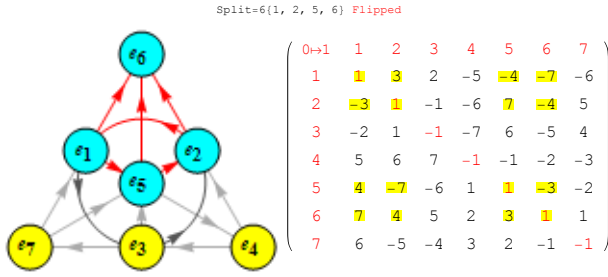
Split=5(1, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-3	-2	5	4	-7	-6
2	3	-1	-1	-6	-7	4	5
3	2	1	1	7	6	5	4
4	-5	6	-7	1	-1	2	-3
5	-4	7	-6	1	-1	3	-2
6	7	-4	-5	-2	-3	1	1
7	6	-5	-4	3	2	-1	-1

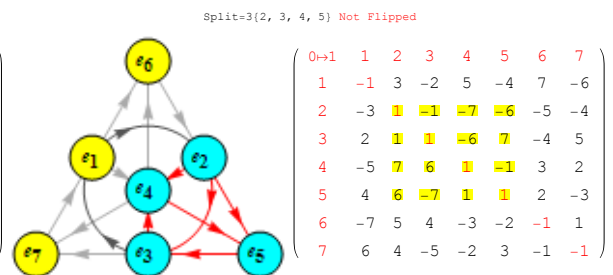
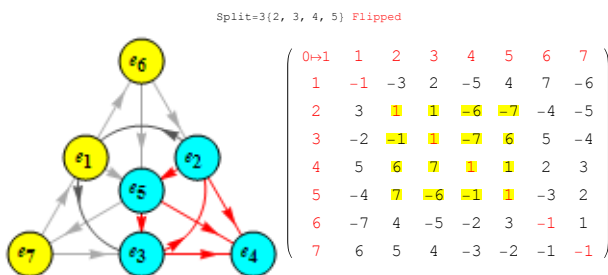
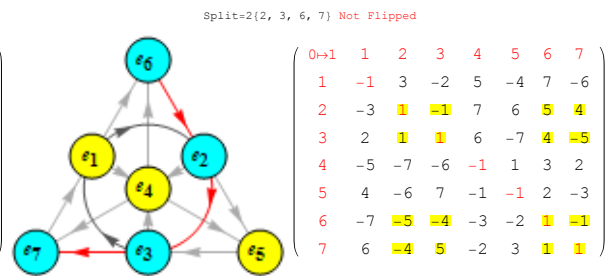
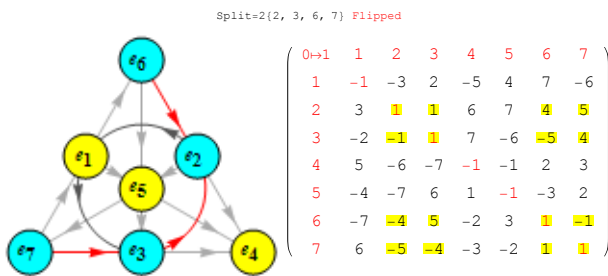
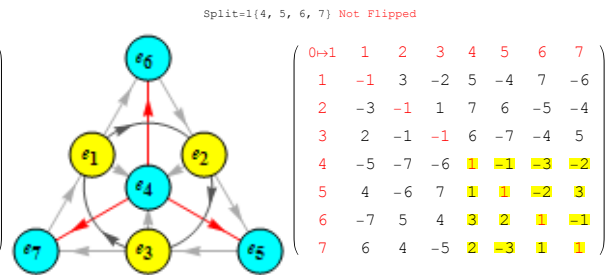
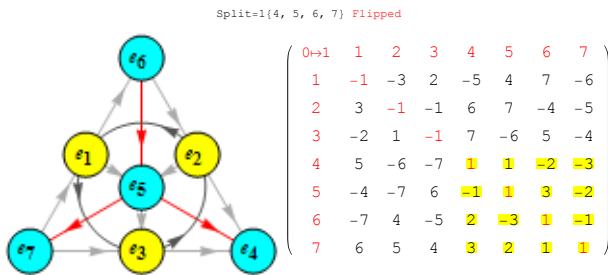
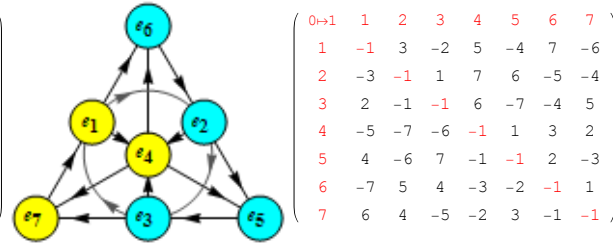
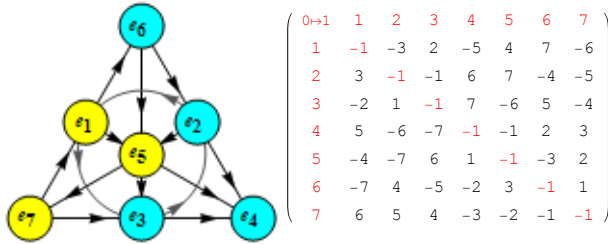


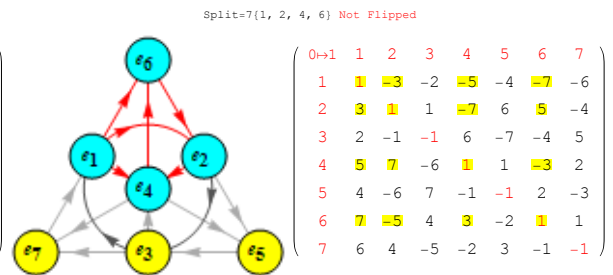
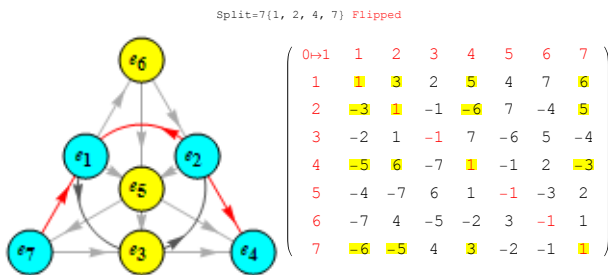
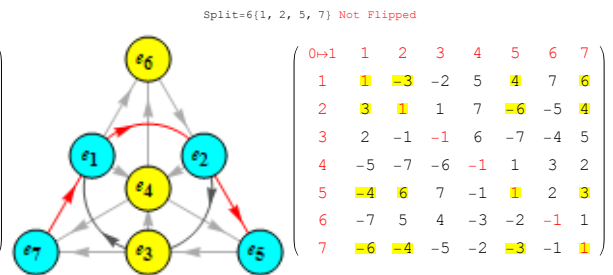
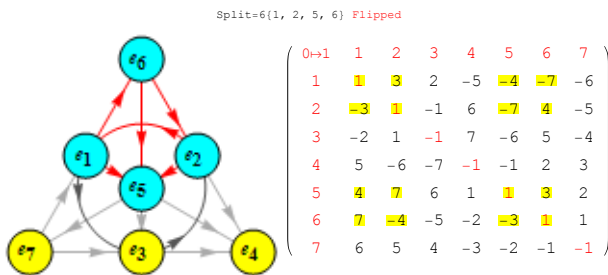
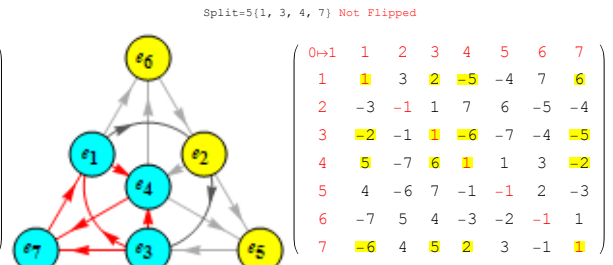
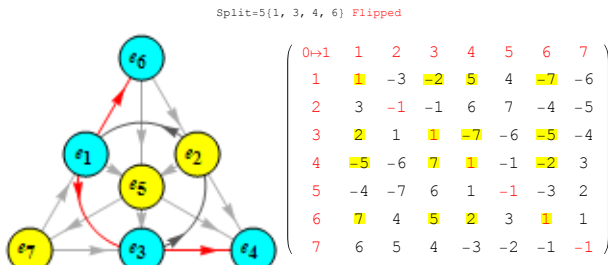
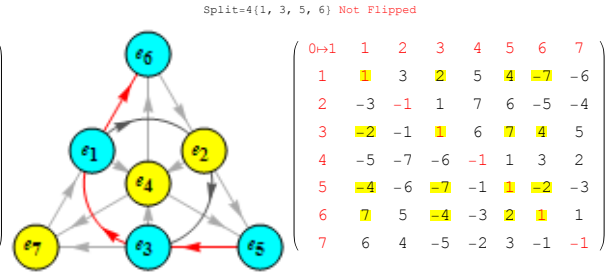
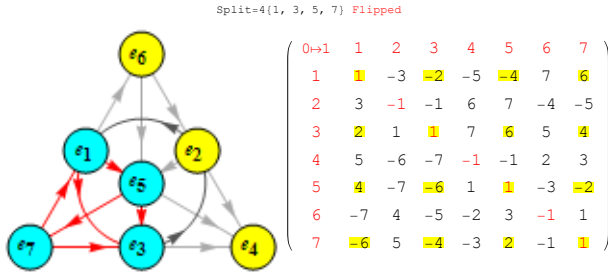
0→1	1	2	3	4	5	6	7
1	1	3	2	-5	-4	7	6
2	-3	-1	1	-7	-6	5	4
3	-2	-1	1	6	7	4	5
4	5	7	-6	1	1	-3	2
5	4	6	-7	-1	-1	-2	3
6	-7	-5	-4	3	2	-1	1
7	-6	-4	-5	-2	-3	-1	1



EB8196 Flip {(1, 3, 2), (1, 5, 4), (1, 6, 7), (2, 4, 6), (2, 5, 7), (3, 4, 7), (3, 6, 5)}

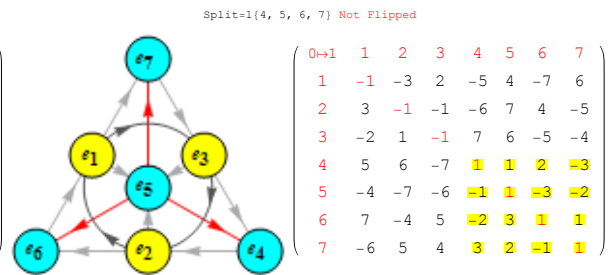
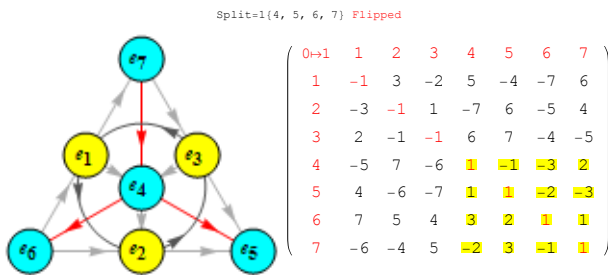
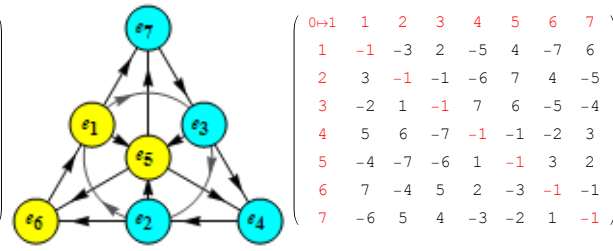
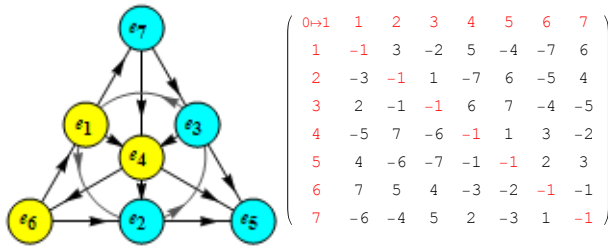
No Flip {(1, 2, 3), (1, 4, 5), (1, 6, 7), (2, 4, 7), (2, 5, 6), (3, 4, 6), (3, 7, 5)}

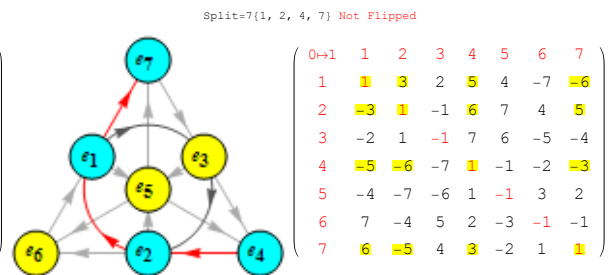
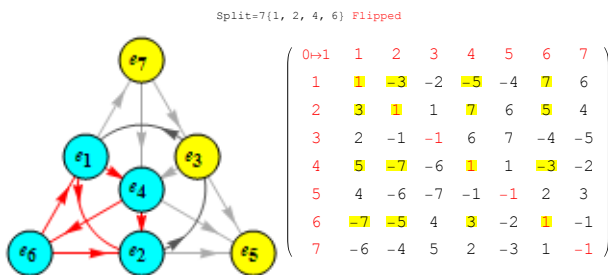
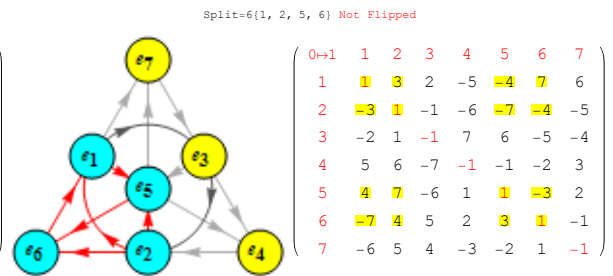
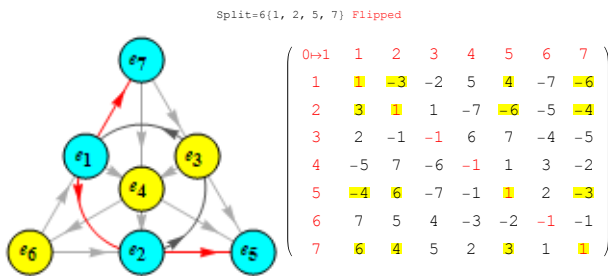
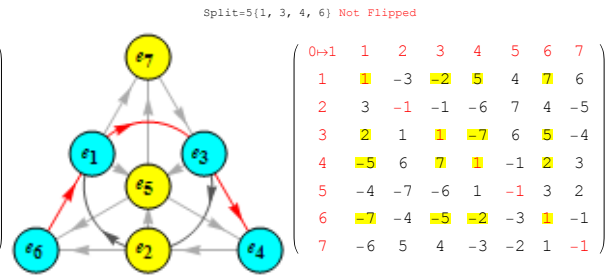
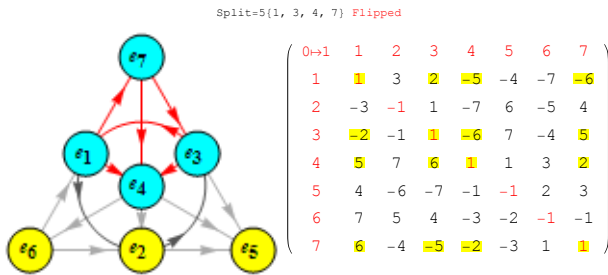
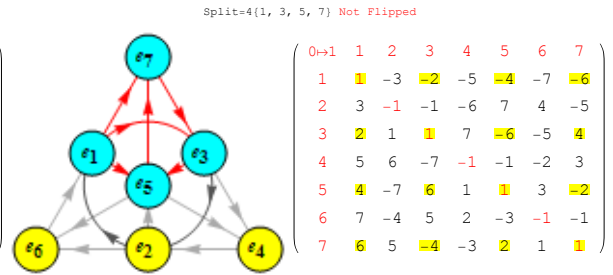
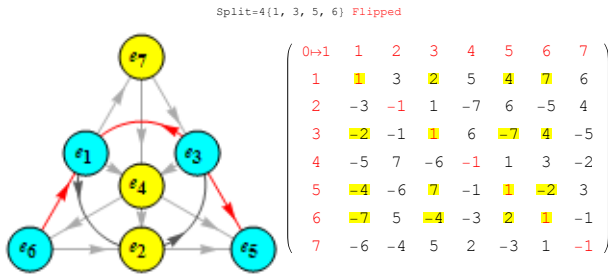
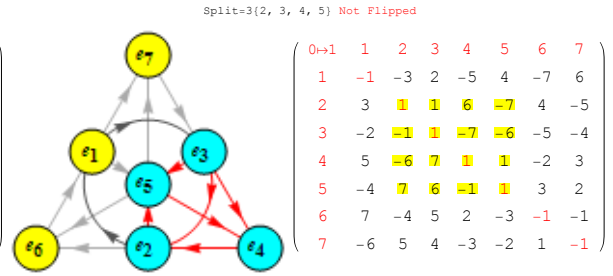
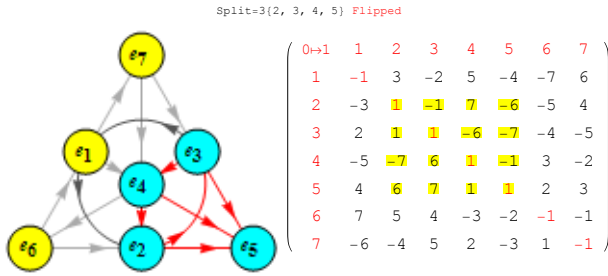
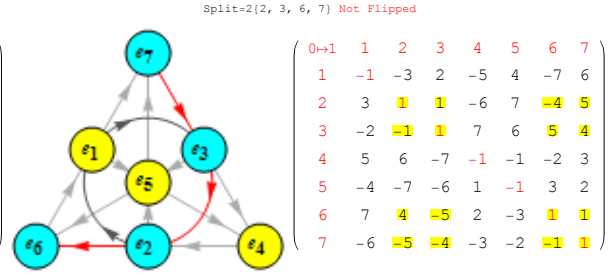
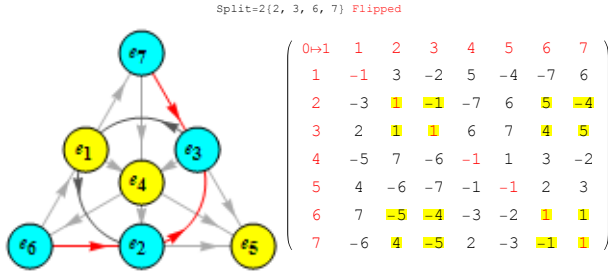




EBH72 Flip {(1, 2, 3), (1, 4, 5), (1, 7, 6), (2, 7, 4), (2, 5, 6), (3, 4, 6), (3, 5, 7)}

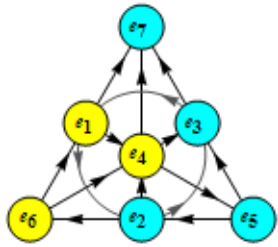
No Flip {(1, 3, 2), (1, 5, 4), (1, 7, 6), (2, 6, 4), (2, 5, 7), (3, 4, 7), (3, 5, 6)}





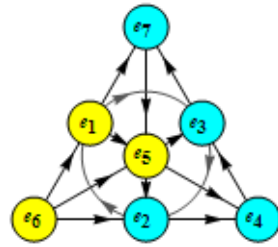
EBH74 Flip  $\{(1, 2, 3), (1, 4, 5), (1, 7, 6), (2, 4, 7), (2, 6, 5), (3, 6, 4), (3, 7, 5)\}$

No Flip  $\{(1, 3, 2), (1, 5, 4), (1, 7, 6), (2, 4, 6), (2, 7, 5), (3, 7, 4), (3, 6, 5)\}$



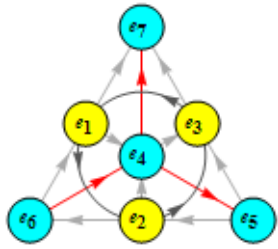
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	-1	1	7	-6	5	-4
3	2	-1	-1	-6	-7	4	5
4	-5	-7	6	-1	1	-3	2
5	4	6	7	-1	-1	-2	-3
6	7	-5	-4	3	2	-1	-1
7	-6	4	-5	-2	3	1	-1

Split=1(4, 5, 6, 7) Flipped



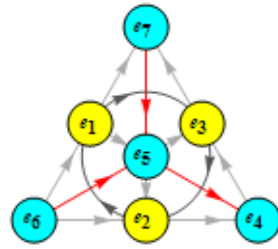
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	-7	-6	5	4
4	5	-6	7	-1	-1	2	-3
5	-4	7	6	1	-1	-3	-2
6	7	4	-5	-2	3	-1	-1
7	-6	-5	-4	3	2	1	-1

Split=1(4, 5, 6, 7) Not Flipped



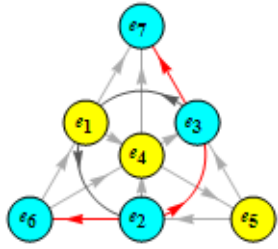
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	-1	1	7	-6	5	-4
3	2	-1	-1	-6	-7	4	5
4	-5	-7	6	1	-1	2	3
5	4	6	7	1	1	2	3
6	7	-5	-4	3	-2	1	1
7	-6	4	-5	2	-3	-1	1

Split=2(2, 3, 6, 7) Flipped



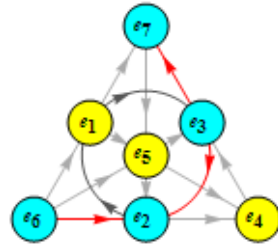
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	-7	-6	5	4
4	5	-6	7	1	1	2	3
5	-4	7	6	-1	1	3	2
6	7	4	-5	2	-3	1	1
7	-6	-5	-4	-3	-2	-1	1

Split=2(2, 3, 6, 7) Not Flipped



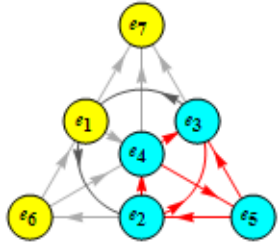
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	1	-1	7	-6	5	4
3	2	1	1	-6	-7	-4	5
4	-5	-7	6	-1	1	-3	2
5	4	6	7	-1	-1	-2	-3
6	7	5	4	3	2	1	1
7	-6	-4	5	-2	3	-1	1

Split=3(2, 3, 4, 5) Flipped



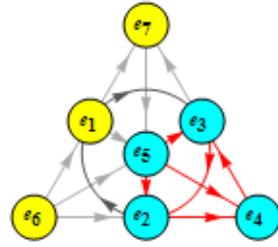
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	1	1	6	-7	4	-5
3	-2	-1	1	-7	-6	-5	4
4	5	-6	7	-1	-1	2	-3
5	-4	7	6	1	-1	-3	-2
6	7	-4	5	-2	3	1	1
7	-6	5	4	3	2	-1	1

Split=3(2, 3, 4, 5) Not Flipped



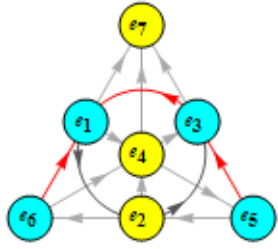
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	1	-1	7	-6	5	-4
3	2	1	1	6	7	4	5
4	-5	7	6	1	-1	-3	2
5	4	-6	7	1	1	-2	-3
6	7	-5	-4	3	2	-1	-1
7	-6	4	-5	-2	3	1	-1

Split=4(1, 3, 5, 6) Flipped



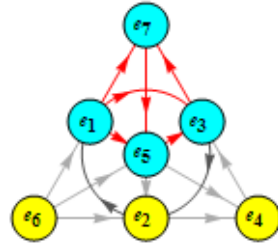
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	1	1	-6	7	-4	5
3	-2	-1	1	7	6	5	4
4	5	6	7	1	1	2	-3
5	-4	-7	6	-1	1	-3	-2
6	7	4	-5	-2	3	-1	-1
7	-6	-5	-4	3	2	1	-1

Split=4(1, 3, 5, 6) Not Flipped



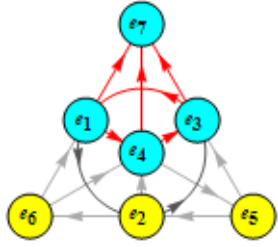
0→1	1	2	3	4	5	6	7
1	1	3	2	5	4	7	6
2	-3	-1	1	7	-6	5	-4
3	-2	-1	1	-6	7	-4	5
4	-5	-7	6	-1	1	-3	2
5	4	6	7	-1	1	2	-3
6	7	-5	-4	3	-2	1	-1
7	-6	4	-5	-2	3	1	-1

Split=5(1, 3, 4, 7) Flipped

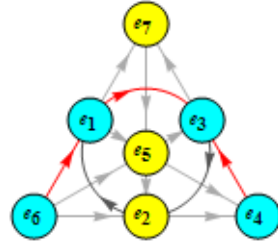


0→1	1	2	3	4	5	6	7
1	1	-3	-2	-5	4	-7	-6
2	3	-1	-1	6	-7	-4	5
3	2	1	1	-7	6	5	-4
4	5	-6	7	-1	-1	2	-3
5	4	7	-6	1	1	-3	2
6	7	4	-5	-2	3	-1	-1
7	6	-5	4	3	-2	1	1

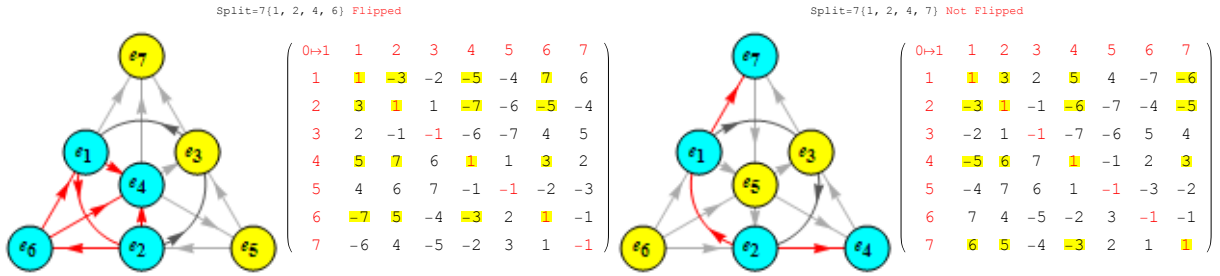
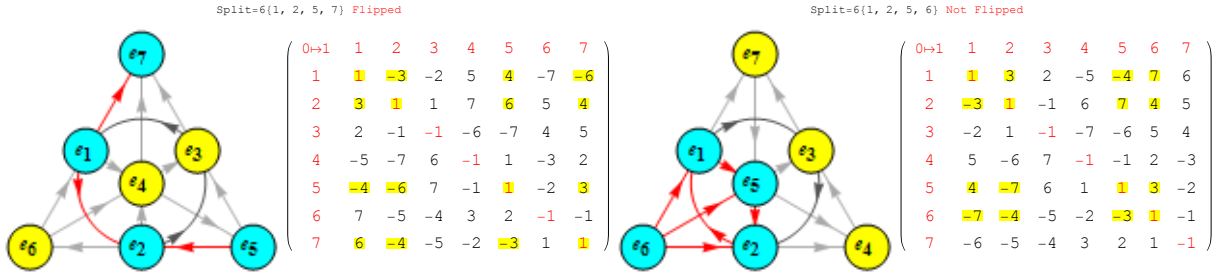
Split=5(1, 3, 4, 6) Not Flipped



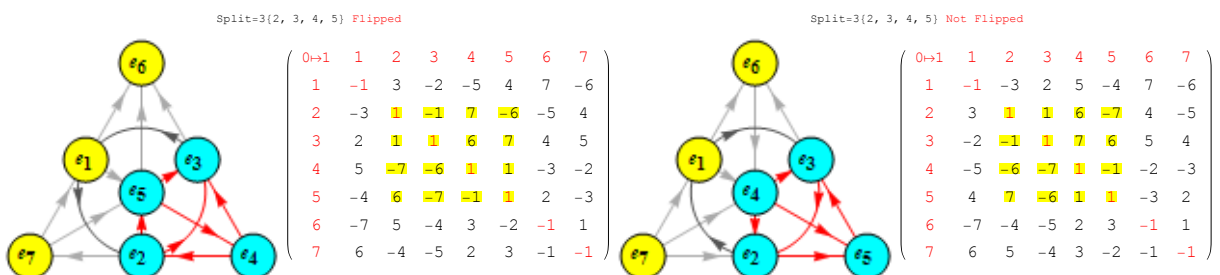
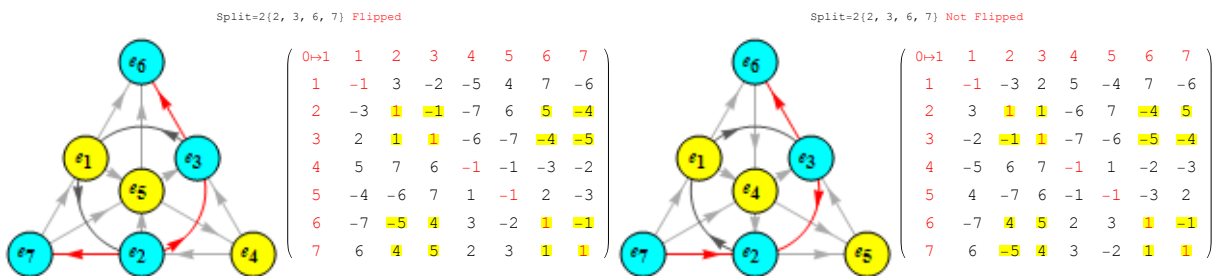
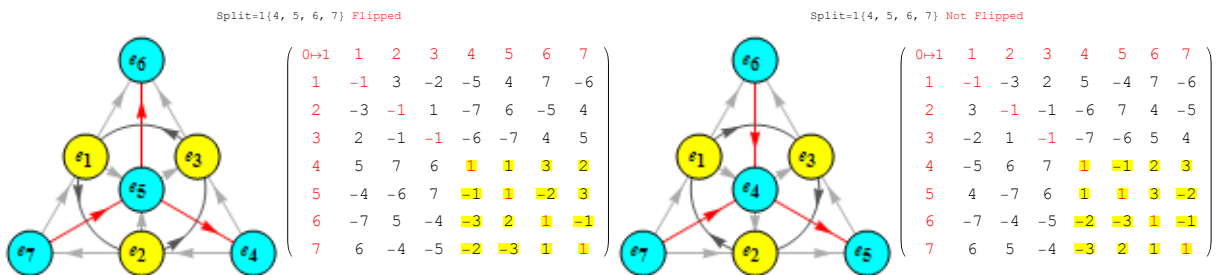
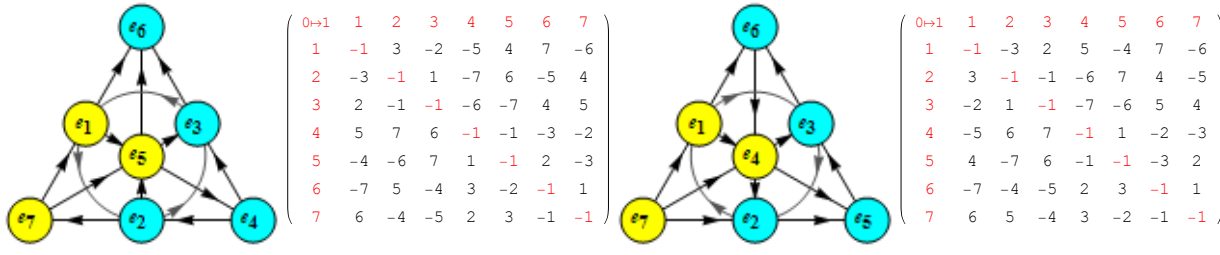
0→1	1	2	3	4	5	6	7
1	1	3	2	5	-4	-7	-6
2	-3	-1	1	7	-6	5	-4
3	-2	-1	1	6	-7	4	-5
4	5	-7	6	1	-3	2	-3
5	4	6	7	-1	-1	-2	-3
6	7	-5	-4	3	2	-1	-1
7	6	4	5	2	3	1	1

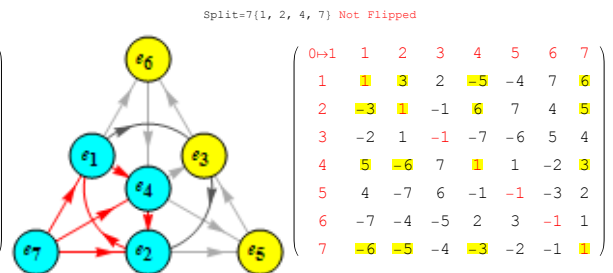
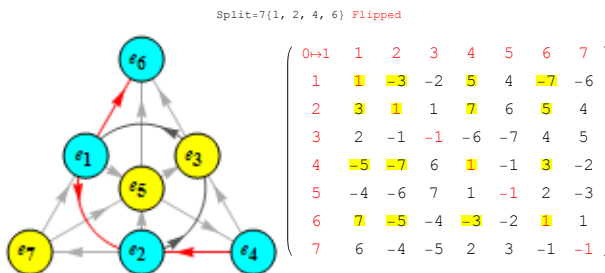
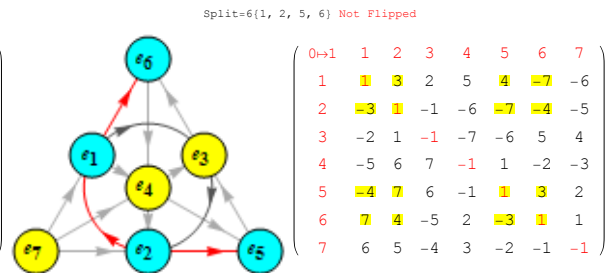
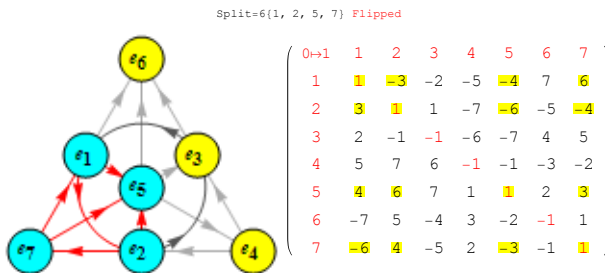
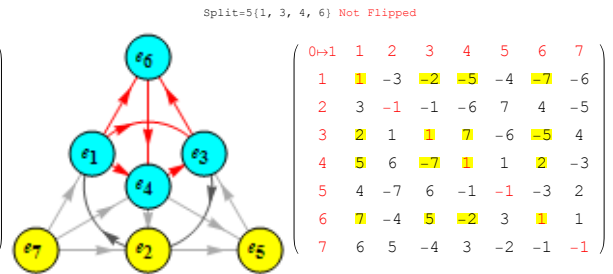
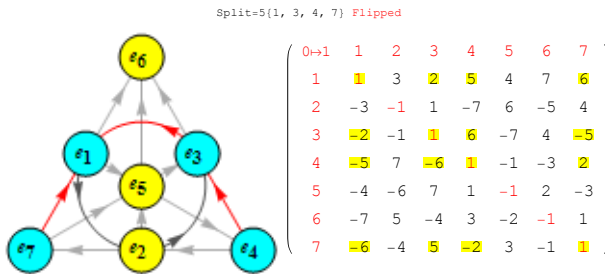
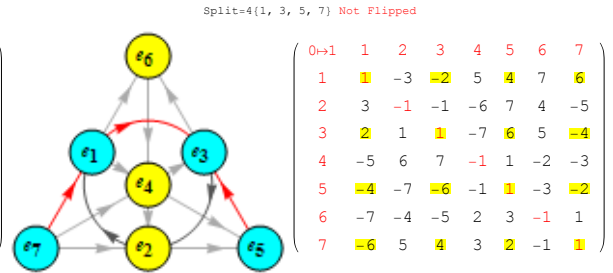
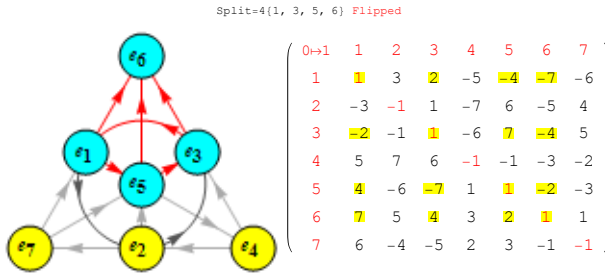


0→1	1	2	3	4	5	6	7
1	1	-3	-2	5	4	7	6
2	3	-1	-1	6	-7	-4	5
3	2	1	1	-7	-6	-5	4
4	-5	-6	7	1	-1	-2	-3
5	-4	7	6	1	-1	-3	-2
6	7	4	-5	2	3	1	-1
7	-6	-5	-4	3	2	1	-1



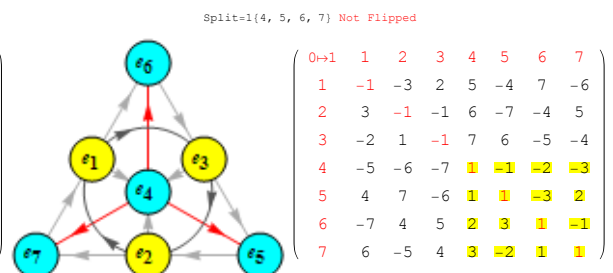
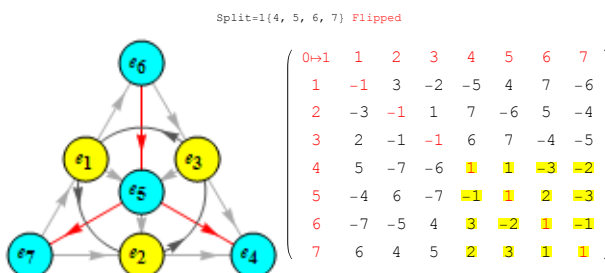
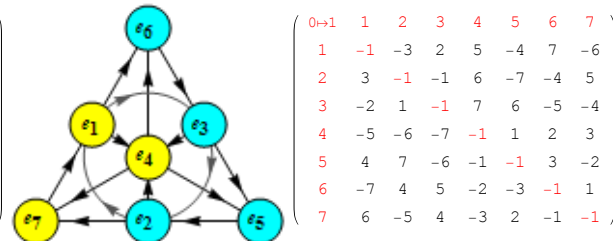
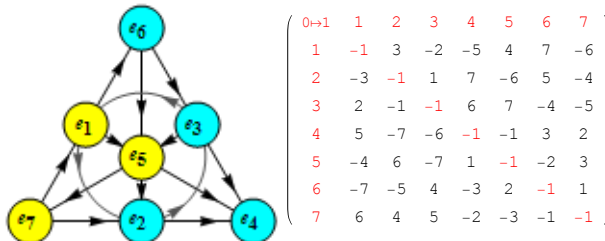
ES=65 Flip {(1, 2, 3), (1, 5, 4), (1, 6, 7), (2, 7, 4), (2, 5, 6), (3, 6, 4), (3, 7, 5)} No Flip {(1, 3, 2), (1, 4, 5), (1, 6, 7), (2, 6, 4), (2, 5, 7), (3, 7, 4), (3, 6, 5)}

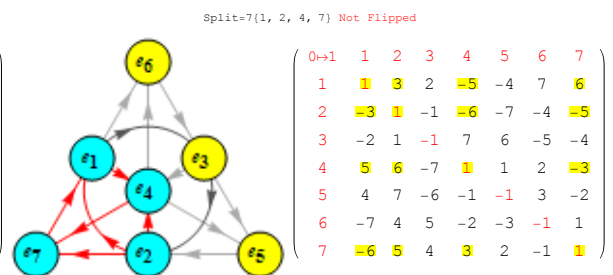
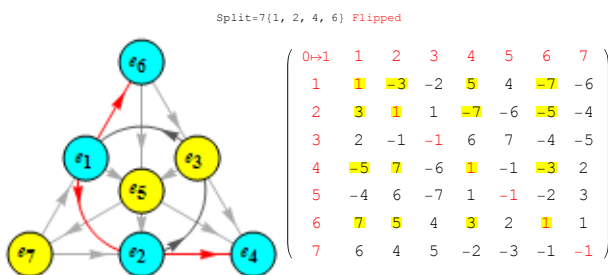
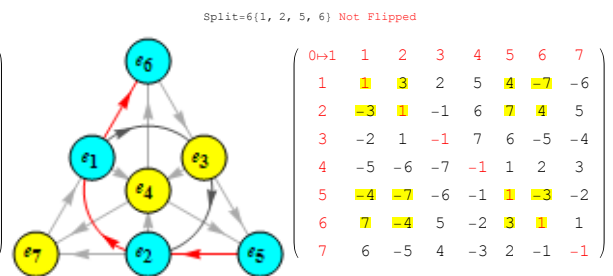
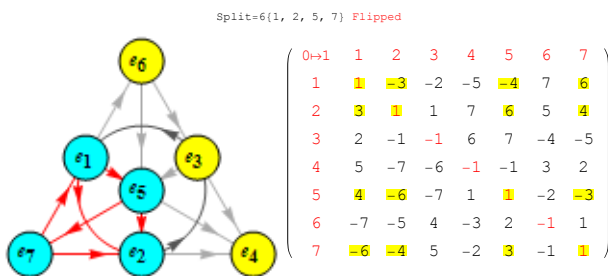
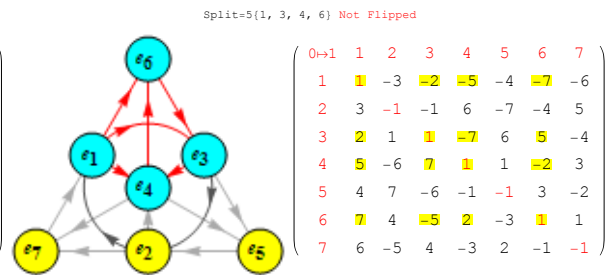
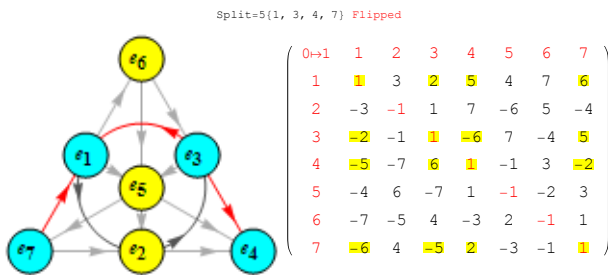
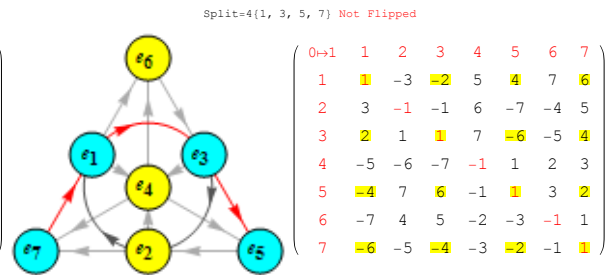
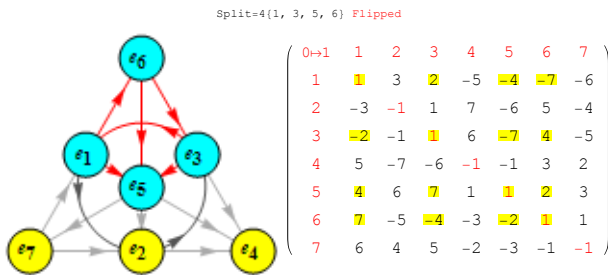
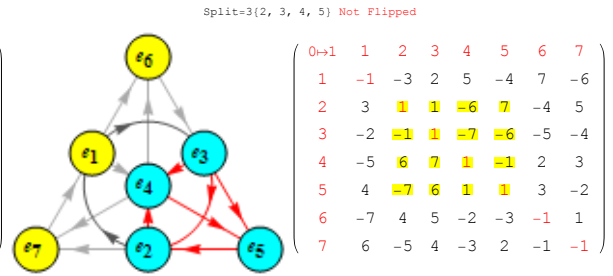
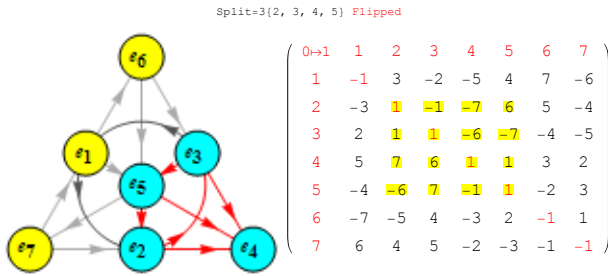
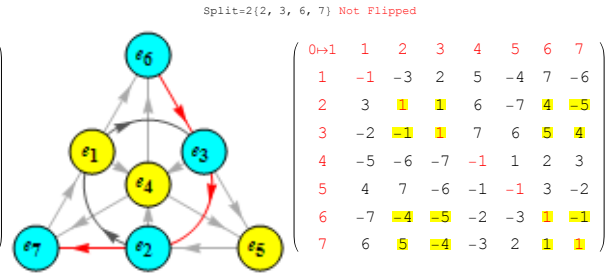
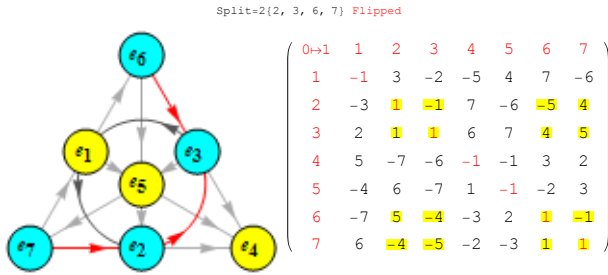




ES#81 Flip {(1, 2, 3), (1, 5, 4), (1, 6, 7), (2, 4, 7), (2, 6, 5), (3, 4, 6), (3, 5, 7)}

No Flip {(1, 3, 2), (1, 4, 5), (1, 6, 7), (2, 4, 6), (2, 7, 5), (3, 4, 7), (3, 5, 6)}

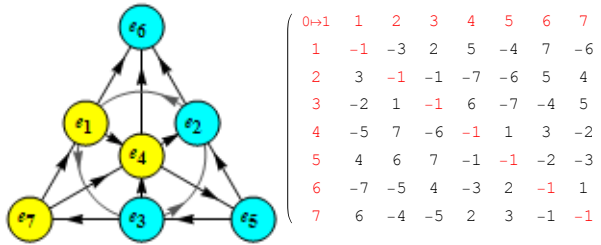




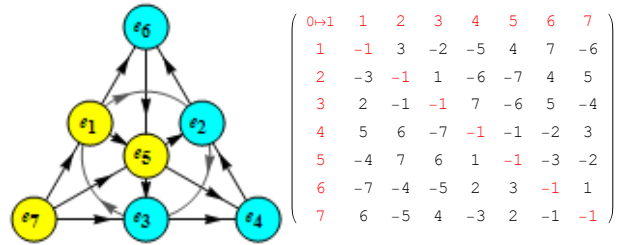


EBn54 Flip  $\{(1, 3, 2), (1, 4, 5), (1, 6, 7), (2, 7, 4), (2, 6, 5), (3, 4, 6), (3, 7, 5)\}$

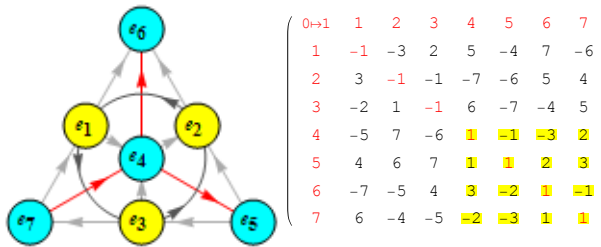
No Flip  $\{(1, 2, 3), (1, 5, 4), (1, 6, 7), (2, 6, 4), (2, 7, 5), (3, 4, 7), (3, 6, 5)\}$



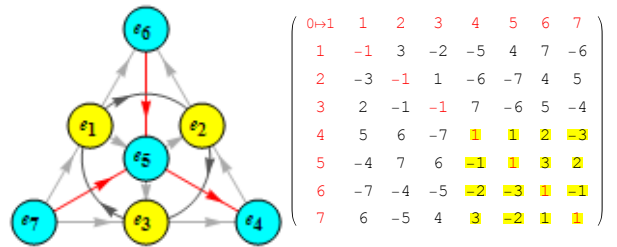
Split=1(4, 5, 6, 7) Flipped



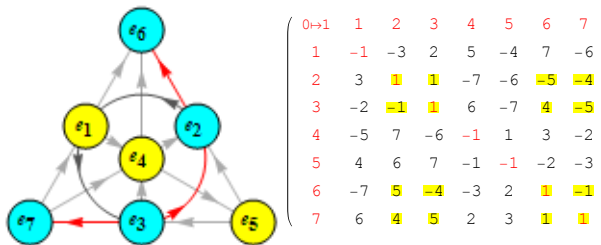
Split=1(4, 5, 6, 7) Not Flipped



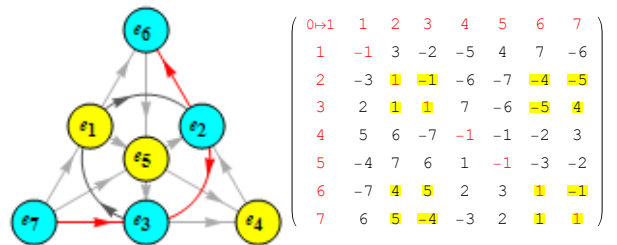
Split=2(2, 3, 6, 7) Flipped



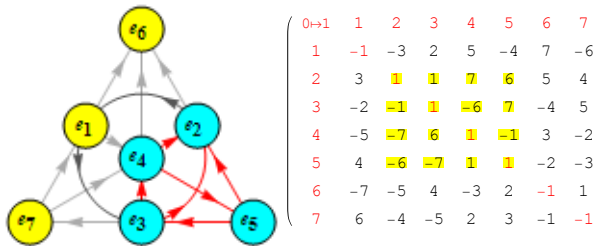
Split=2(2, 3, 6, 7) Not Flipped



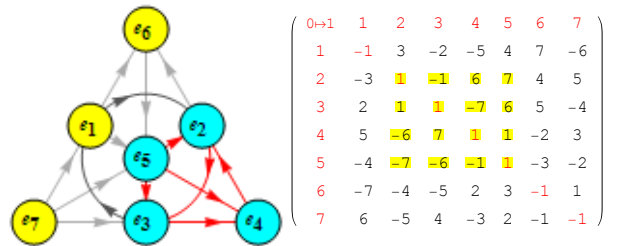
Split=3(2, 3, 4, 5) Flipped



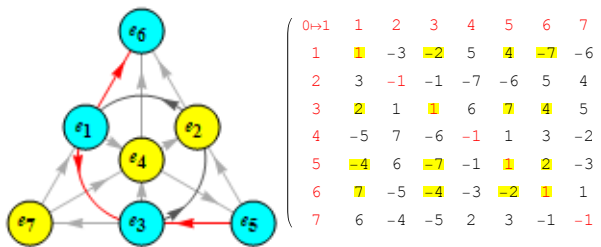
Split=3(2, 3, 4, 5) Not Flipped



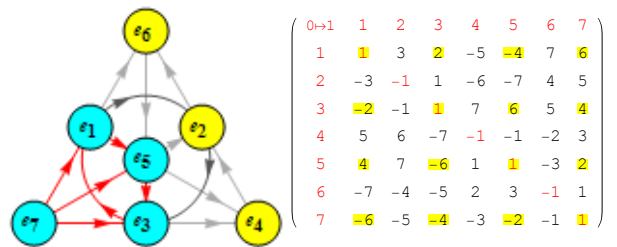
Split=4(1, 3, 5, 6) Flipped



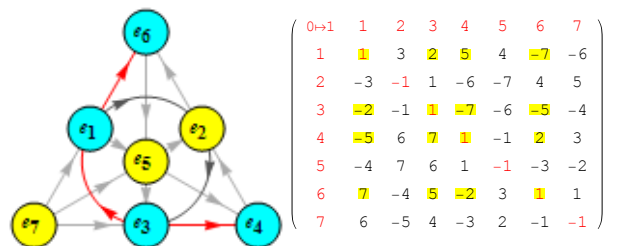
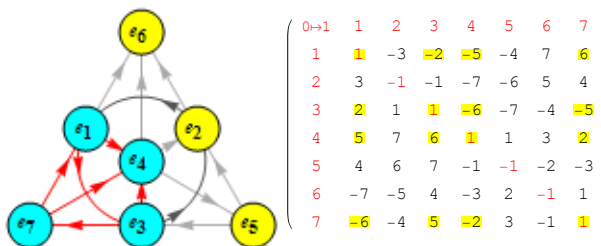
Split=4(1, 3, 5, 6) Not Flipped

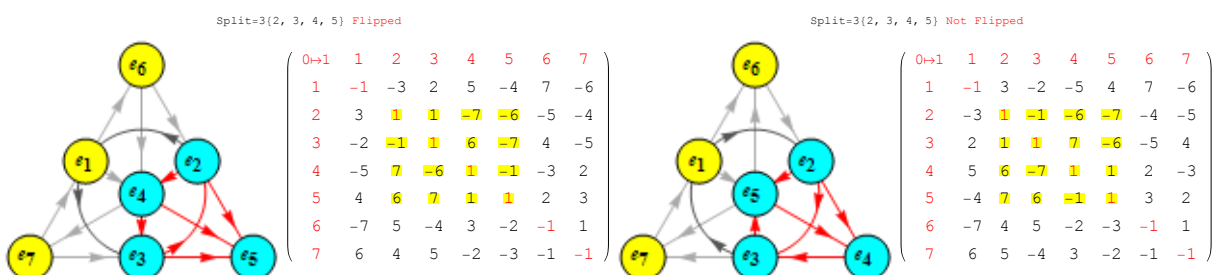
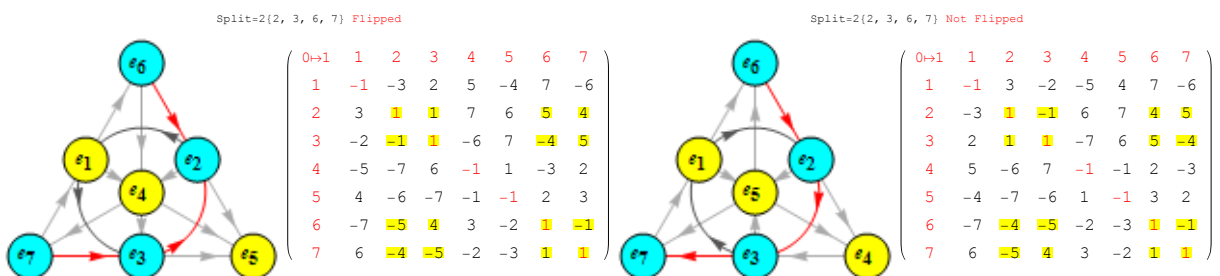
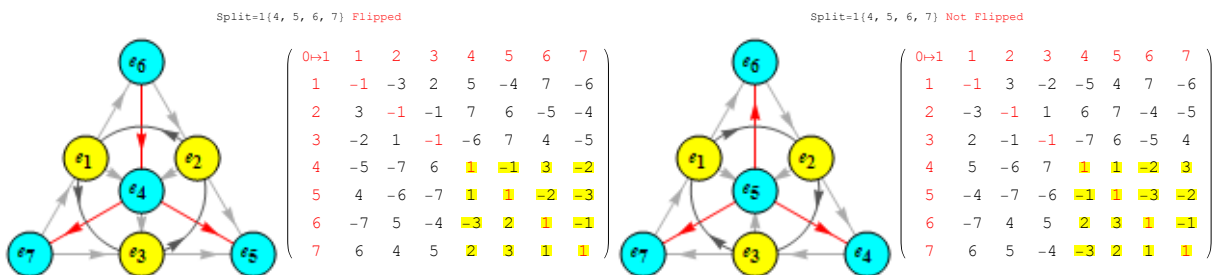
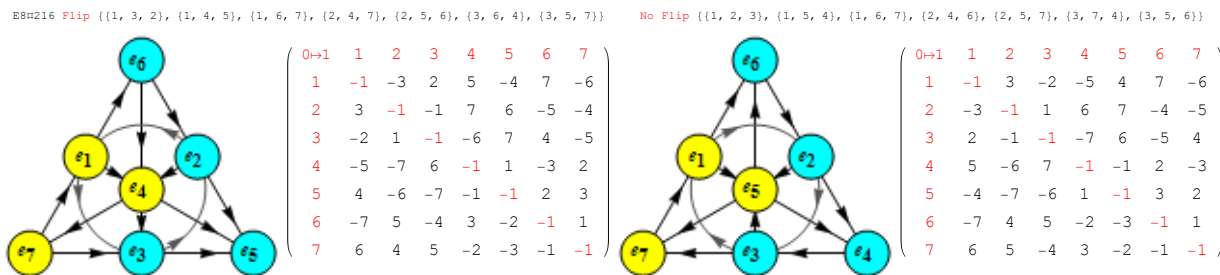
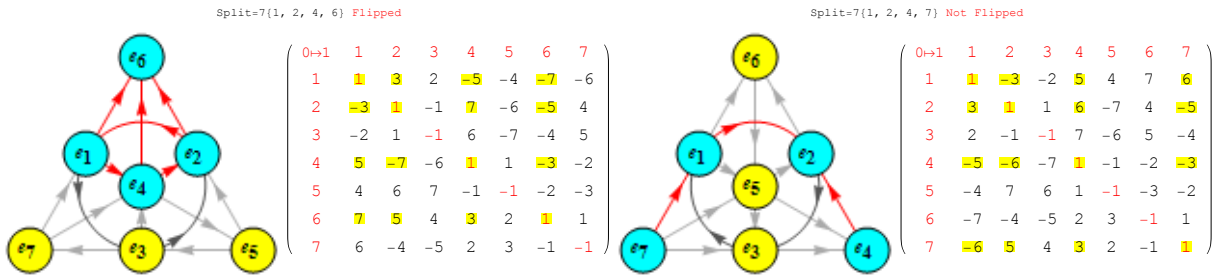
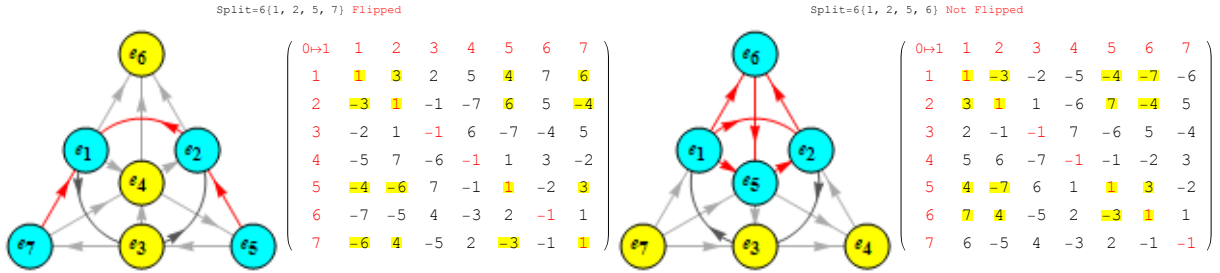


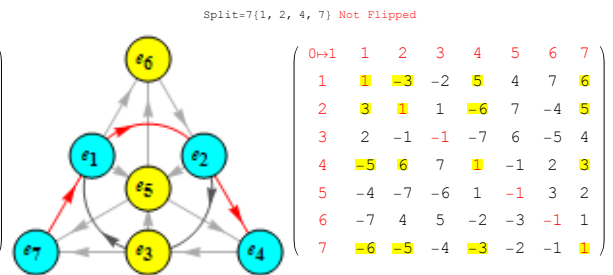
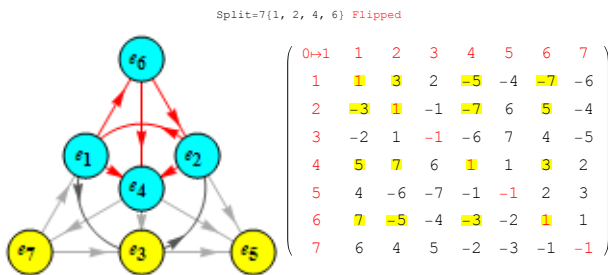
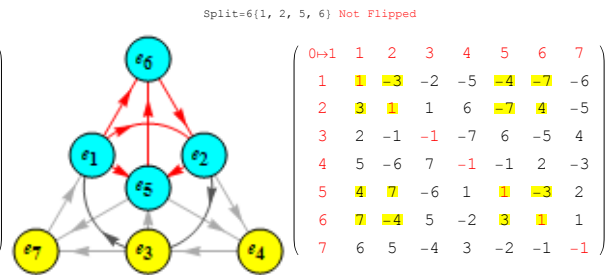
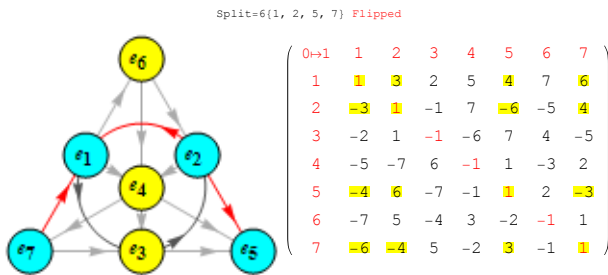
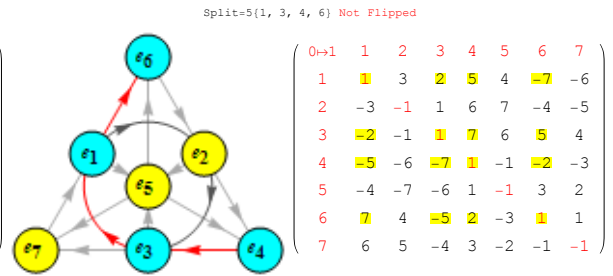
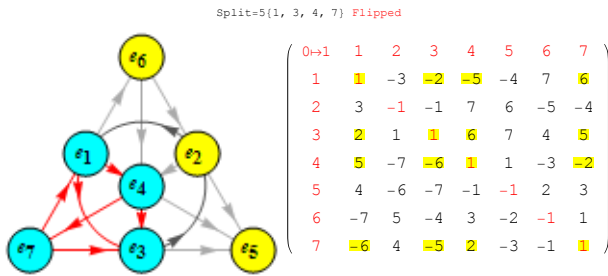
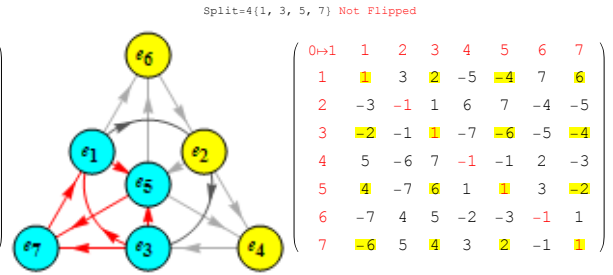
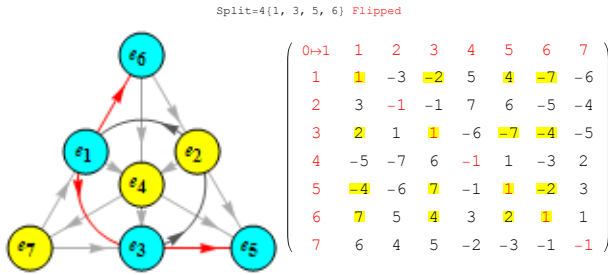
Split=5(1, 3, 4, 7) Flipped



Split=5(1, 3, 4, 7) Not Flipped

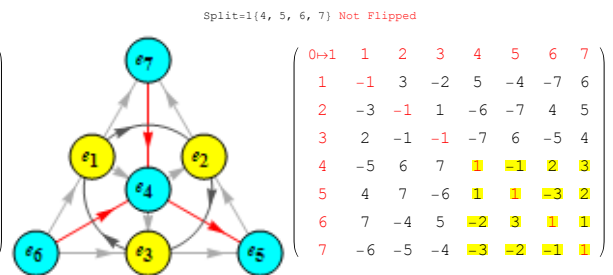
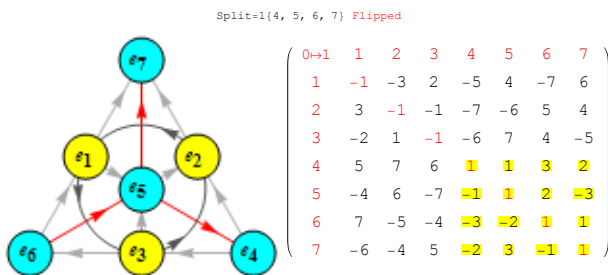
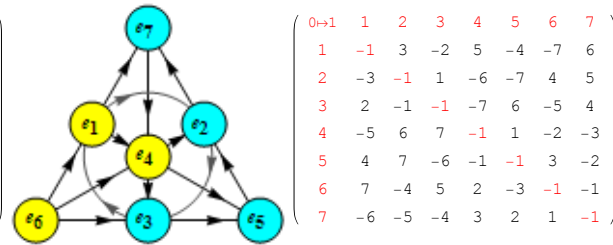
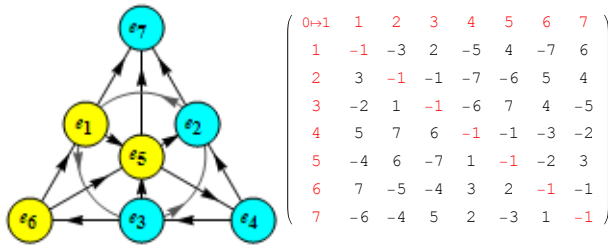


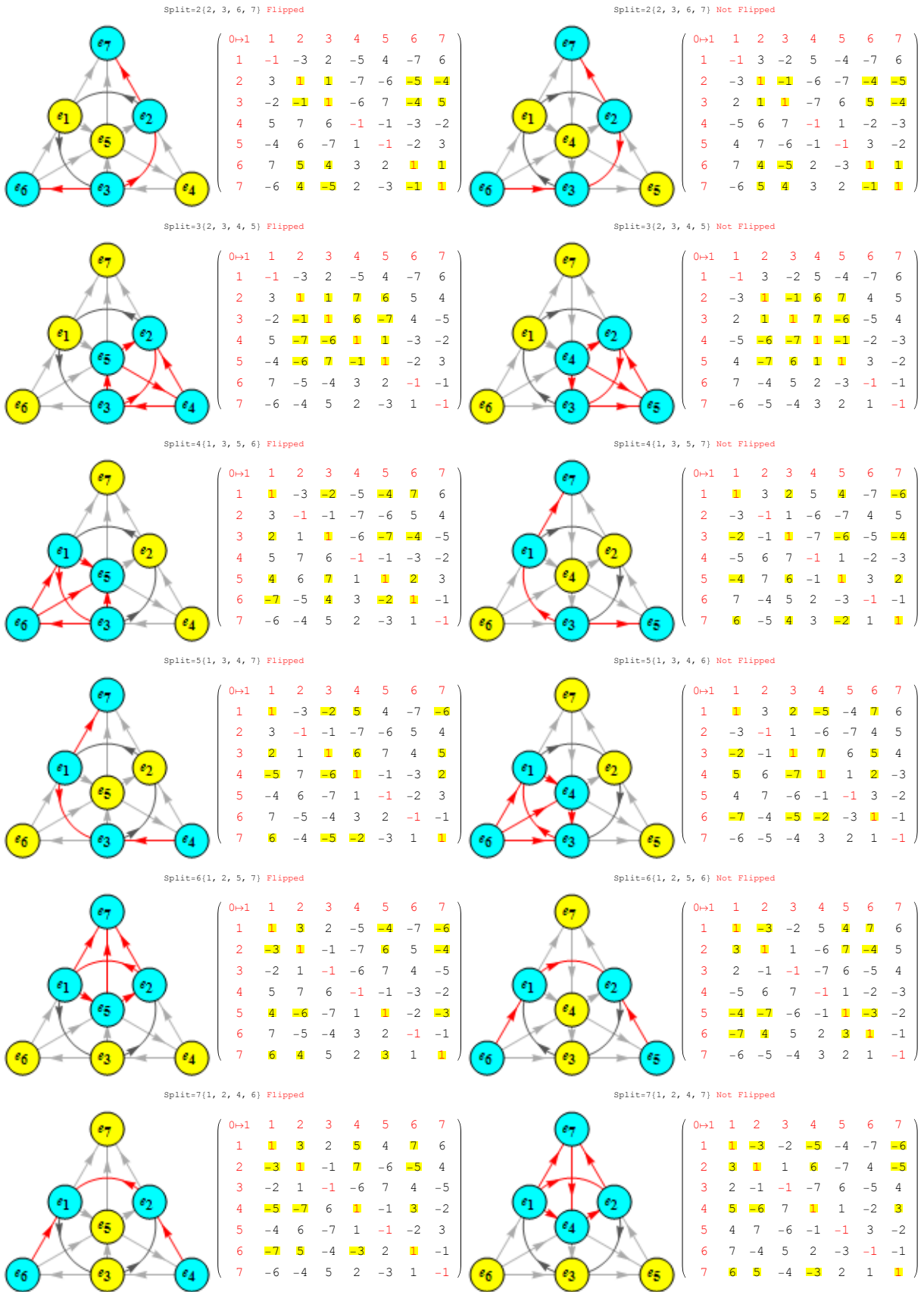




EB#61 Flip {(1, 3, 2), (1, 5, 4), (1, 7, 6), (2, 7, 4), (2, 6, 5), (3, 6, 4), (3, 5, 7)}

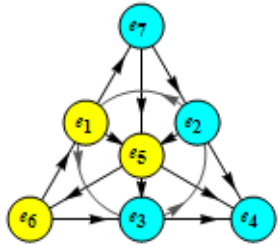
No Flip {(1, 2, 3), (1, 4, 5), (1, 7, 6), (2, 6, 4), (2, 7, 5), (3, 7, 4), (3, 5, 6)}





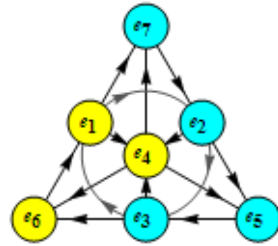
E8H209 Flip  $\{(1, 3, 2), (1, 5, 4), (1, 7, 6), (2, 4, 7), (2, 5, 6), (3, 4, 6), (3, 7, 5)\}$

No Flip  $\{(1, 2, 3), (1, 4, 5), (1, 7, 6), (2, 4, 6), (2, 5, 7), (3, 4, 7), (3, 6, 5)\}$



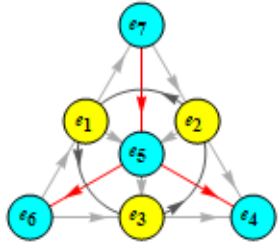
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	-1	-1	7	6	-5	-4
3	-2	1	-1	6	-7	-4	5
4	5	-7	-6	-1	-1	3	2
5	-4	-6	7	1	-1	2	-3
6	7	5	4	-3	-2	-1	-1
7	-6	4	-5	-2	3	1	-1

Split=1(4, 5, 6, 7) Flipped



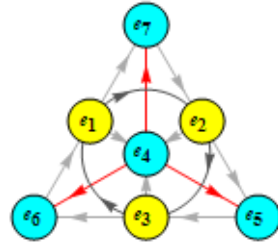
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	-1	1	6	7	-4	-5
3	2	-1	-1	7	-6	5	-4
4	-5	-6	-7	-1	1	2	3
5	4	-7	6	-1	-1	-3	2
6	7	4	-5	-2	3	-1	-1
7	-6	5	4	-3	-2	1	-1

Split=1(4, 5, 6, 7) Not Flipped



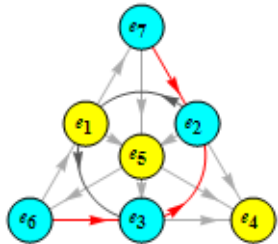
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	-1	-1	7	6	-5	-4
3	-2	1	-1	6	-7	-4	5
4	5	-7	-6	1	1	-3	-2
5	-4	-6	7	-1	1	-2	3
6	7	5	4	3	2	1	1
7	-6	4	-5	2	-3	-1	1

Split=2(2, 3, 6, 7) Flipped



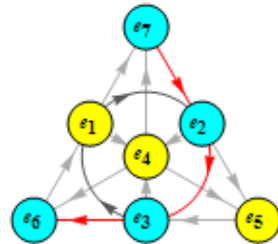
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	-1	1	6	7	-4	-5
3	2	-1	-1	7	-6	5	-4
4	-5	-6	-7	1	-1	-2	-3
5	4	-7	6	1	1	3	-2
6	7	4	-5	2	-3	1	1
7	-6	5	4	3	2	-1	1

Split=2(2, 3, 6, 7) Not Flipped



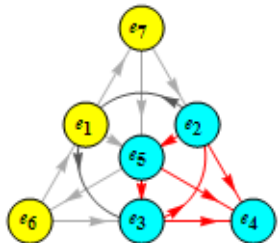
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	1	1	7	6	5	4
3	-2	-1	1	6	-7	4	-5
4	5	-7	-6	-1	-1	3	2
5	-4	-6	7	1	-1	2	-3
6	7	-5	-4	-3	-2	1	1
7	-6	-4	5	-2	3	-1	1

Split=3(2, 3, 4, 5) Flipped



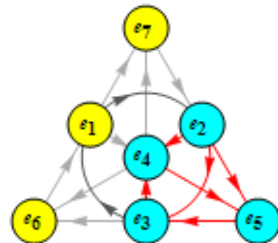
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	1	-1	6	7	4	5
3	2	1	1	7	-6	-5	4
4	-5	-6	-7	-1	1	2	3
5	4	-7	6	-1	-1	-3	2
6	7	-4	5	-2	3	1	1
7	-6	-5	-4	-3	-2	-1	1

Split=3(2, 3, 4, 5) Not Flipped



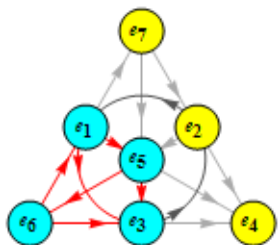
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-5	4	-7	6
2	3	1	1	7	6	-5	-4
3	-2	-1	1	6	7	-4	5
4	5	7	6	1	1	3	2
5	-4	6	-7	-1	1	2	-3
6	7	5	4	-3	-2	-1	-1
7	-6	4	-5	-2	3	1	-1

Split=4(1, 3, 5, 6) Flipped



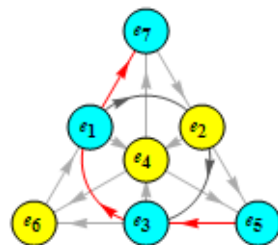
0→1	1	2	3	4	5	6	7
1	-1	3	-2	5	-4	-7	6
2	-3	1	-1	6	7	-4	-5
3	2	1	1	7	6	5	-4
4	-5	6	7	1	-1	2	3
5	4	7	-6	1	1	-3	2
6	7	4	-5	-2	3	-1	-1
7	-6	5	4	-3	-2	1	-1

Split=4(1, 3, 5, 6) Not Flipped



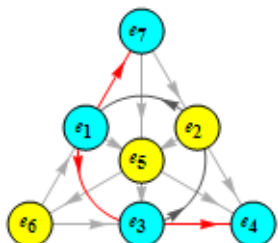
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-5	-4	7	6
2	3	-1	-1	7	6	-5	-4
3	2	1	1	6	7	4	5
4	5	-7	-6	-1	-1	3	2
5	4	-6	-7	1	1	-2	-3
6	7	5	-4	-3	2	1	-1
7	-6	4	-5	-2	3	1	-1

Split=5(1, 3, 4, 7) Flipped

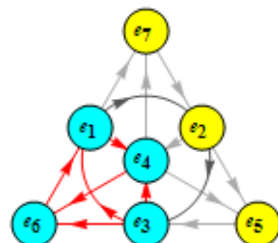


0→1	1	2	3	4	5	6	7
1	1	3	2	5	4	-7	-6
2	-3	-1	1	6	7	-4	-5
3	-2	-1	1	7	6	5	4
4	-5	-6	-7	-1	1	2	3
5	-4	-7	-6	-1	1	-3	-2
6	7	4	-5	-2	3	-1	-1
7	6	5	-4	-3	2	1	1

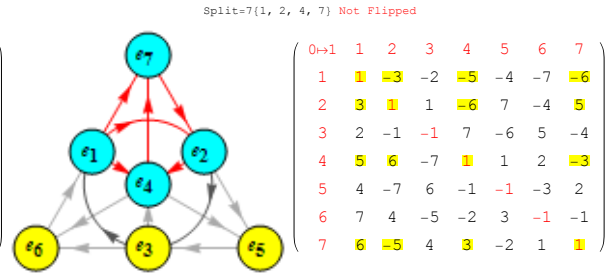
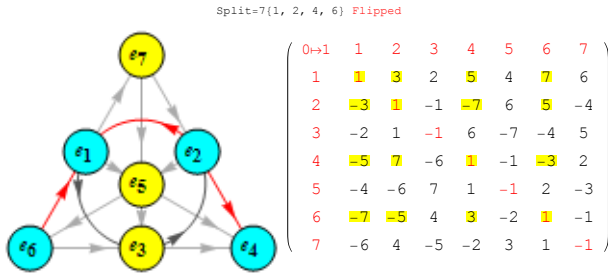
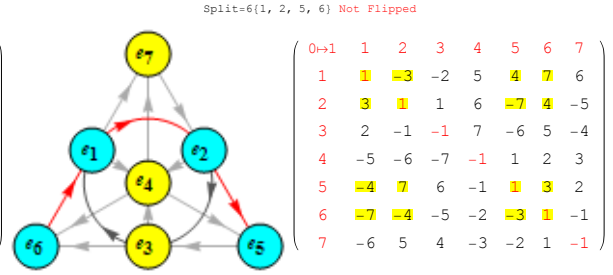
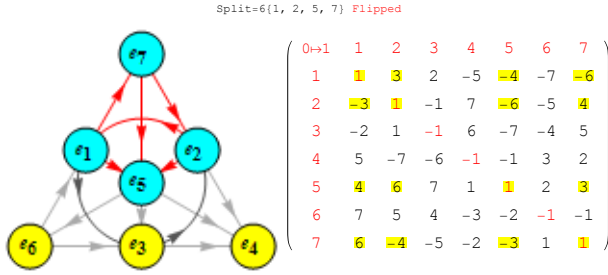
Split=5(1, 3, 4, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-3	-2	5	4	-7	-6
2	3	-1	-1	7	6	-5	-4
3	2	1	1	6	7	-4	-5
4	-5	-7	6	1	-1	3	-2
5	-4	-6	7	1	-1	2	-3
6	7	5	4	-3	-2	-1	-1
7	6	4	5	2	3	1	1

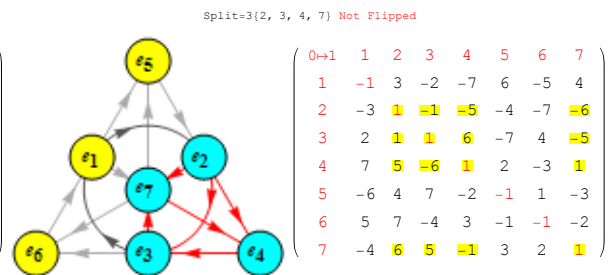
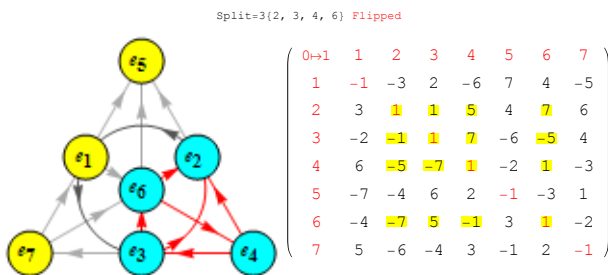
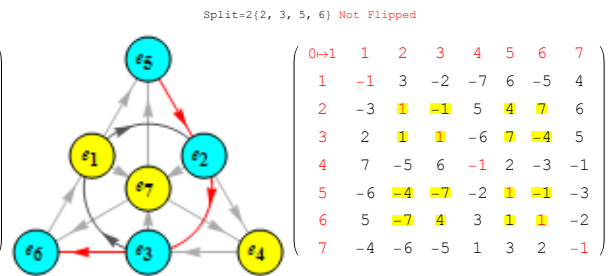
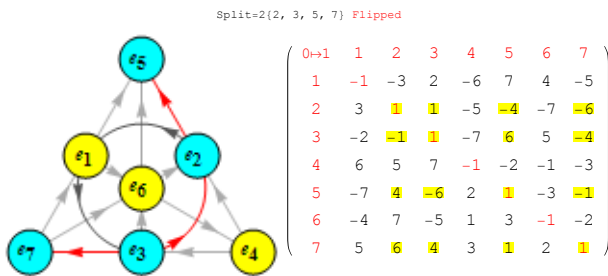
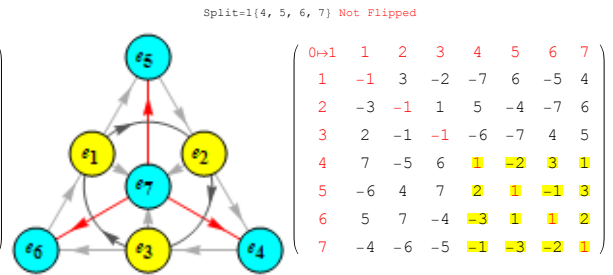
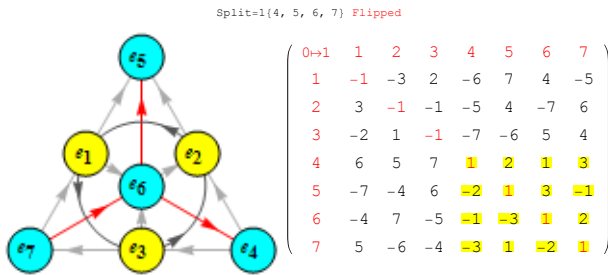
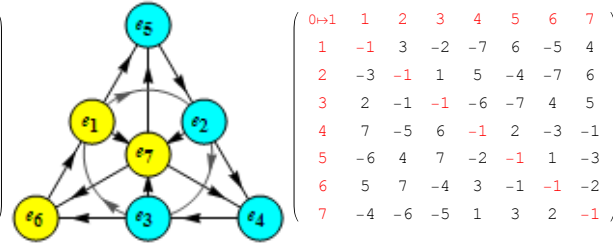
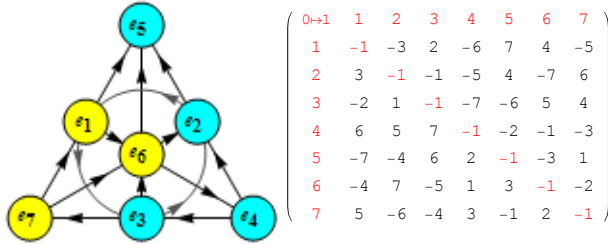


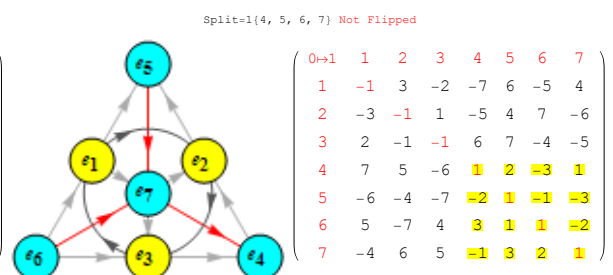
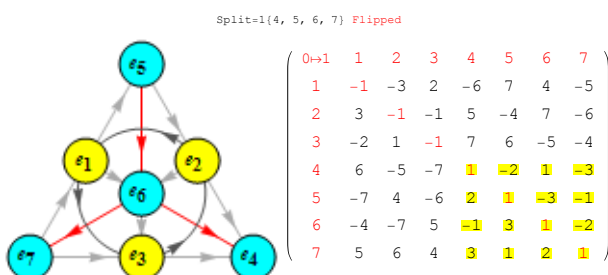
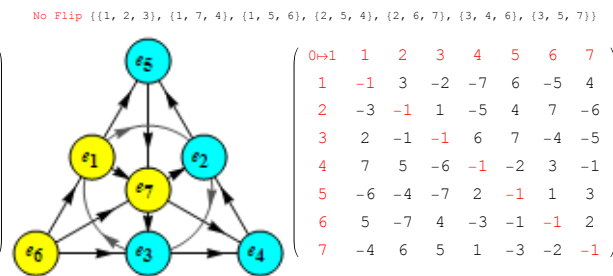
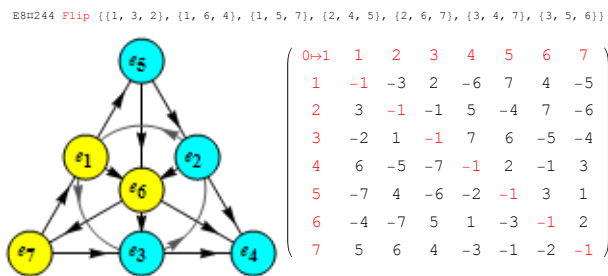
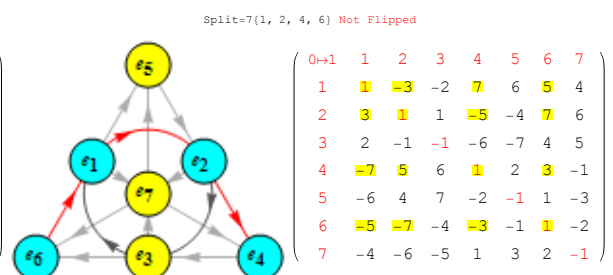
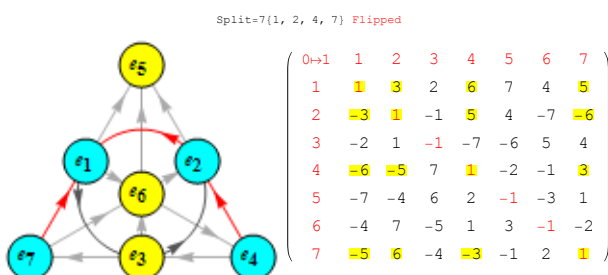
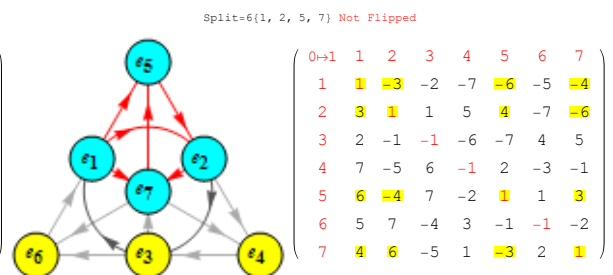
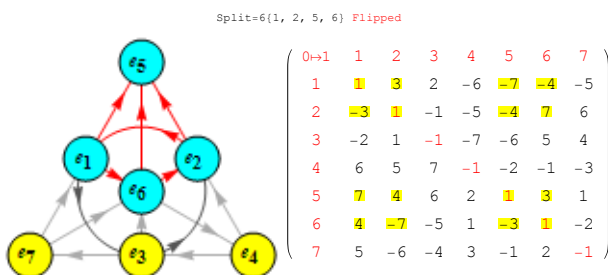
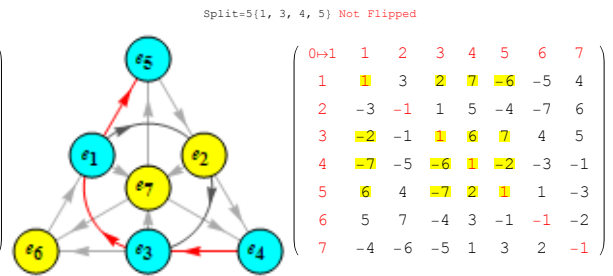
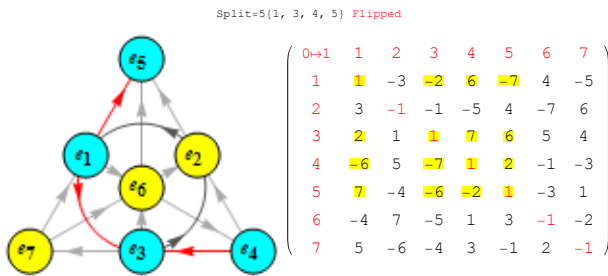
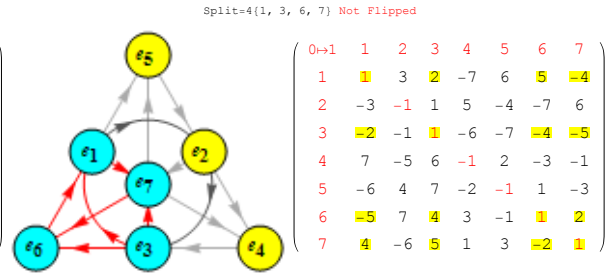
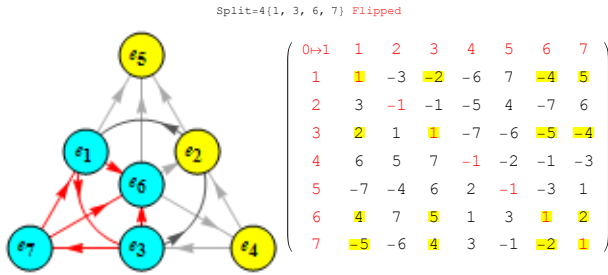
0→1	1	2	3	4	5	6	7
1	1	3	2	-5	-4	7	6
2	-3	-1	1	6	7	-4	-5
3	-2	-1	1	7	-6	-5	-4
4	5	-6	7	1	1	-2	3
5	4	-7	6	-1	-1	-3	2
6	-7	4	5	2	3	1	-1
7	-6	5	4	-3	-2	1	-1

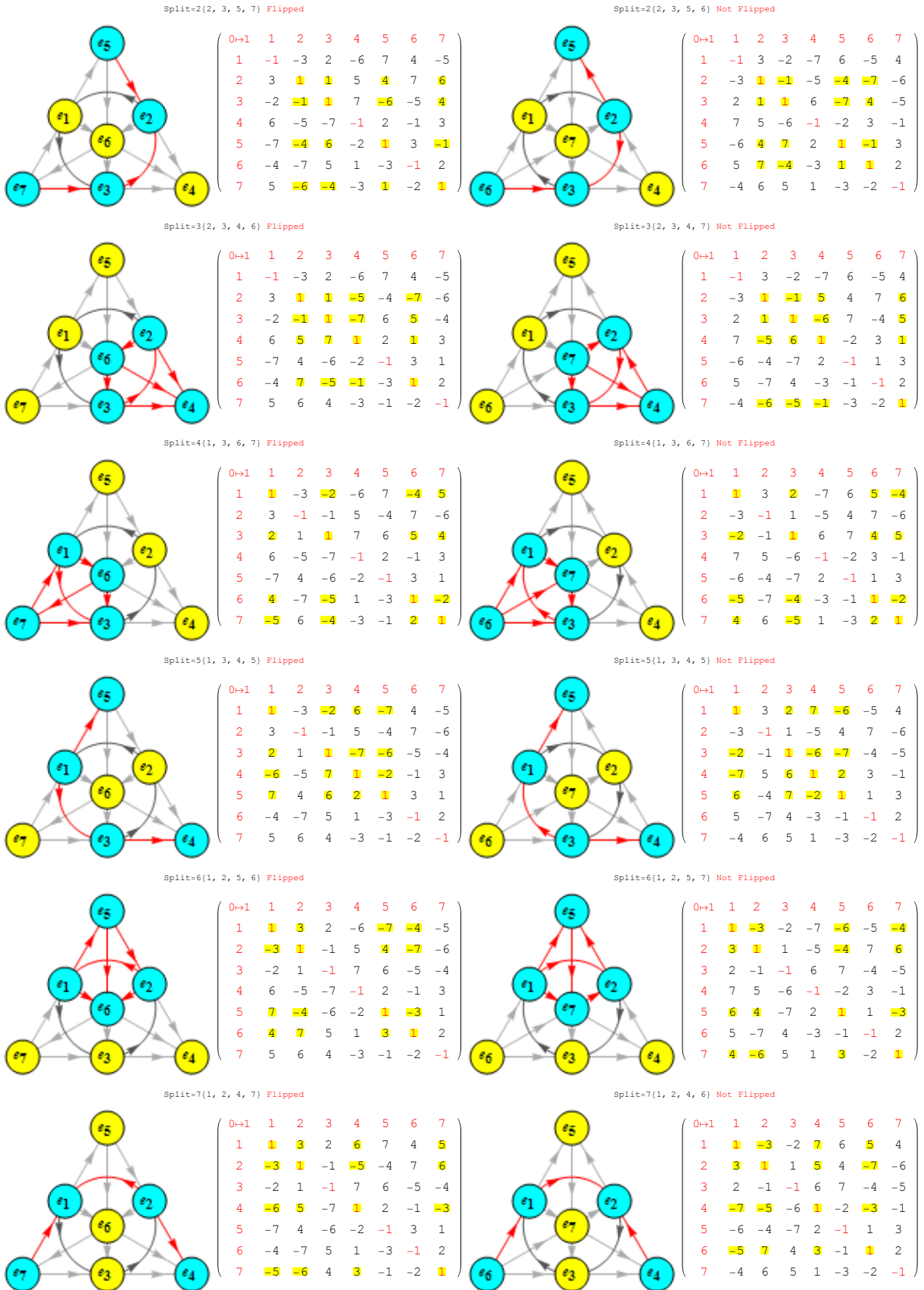


ES8109 Flip ((1, 3, 2), (1, 6, 4), (1, 5, 7), (2, 5, 4), (2, 7, 6), (3, 7, 4), (3, 6, 5))

No Flip ((1, 2, 3), (1, 7, 4), (1, 5, 6), (2, 4, 5), (2, 7, 6), (3, 6, 4), (3, 7, 5))



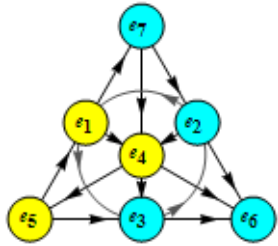






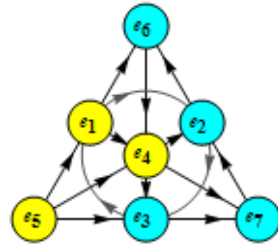
EBH129 Flip  $\{(1, 3, 2), (1, 4, 6), (1, 7, 5), (2, 4, 5), (2, 6, 7), (3, 7, 4), (3, 6, 5)\}$

No Flip  $\{(1, 2, 3), (1, 4, 7), (1, 6, 5), (2, 5, 4), (2, 6, 7), (3, 6, 4), (3, 7, 5)\}$



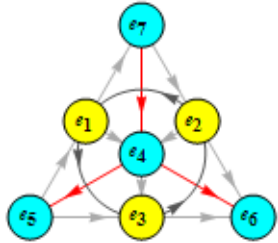
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	5	-4	7	-6
3	-2	1	-1	-7	-6	5	4
4	-6	-5	7	-1	2	1	-3
5	7	4	6	-2	-1	-3	-1
6	4	-7	-5	-1	3	-1	2
7	-5	6	-4	3	1	-2	-1

Split=1(4, 5, 6, 7) Flipped



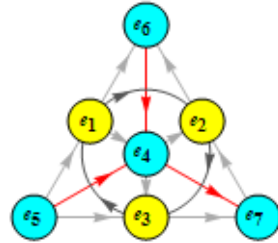
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	-1	1	-5	4	7	-6
3	2	-1	-1	-6	-7	4	5
4	-7	5	6	-1	-2	-3	1
5	6	-4	7	2	-1	-1	-3
6	-5	-7	-4	3	1	-1	2
7	4	6	-5	-1	3	-2	-1

Split=1(4, 5, 6, 7) Not Flipped



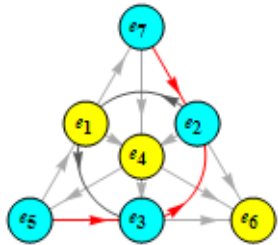
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	5	-4	7	-6
3	-2	1	-1	-7	-6	5	4
4	-6	-5	7	1	-2	1	-3
5	7	4	6	2	1	3	1
6	4	-7	-5	1	-3	1	-2
7	-5	6	-4	3	1	-2	1

Split=2(2, 3, 5, 7) Flipped



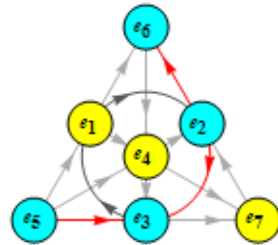
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	-1	1	-5	4	7	-6
3	2	-1	-1	-6	-7	4	5
4	-7	5	6	1	2	3	-1
5	6	-4	7	-2	1	1	3
6	-5	-7	-4	-3	-1	1	-2
7	4	6	-5	1	-3	2	1

Split=2(2, 3, 5, 6) Not Flipped



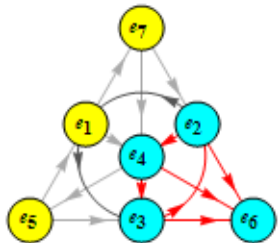
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	1	1	5	4	7	6
3	-2	-1	1	-7	6	5	-4
4	-6	-5	7	-1	2	1	-3
5	7	-4	-6	-2	1	-3	1
6	4	-7	-5	-1	3	-1	2
7	-5	-6	4	3	-1	-2	1

Split=3(2, 3, 4, 6) Flipped



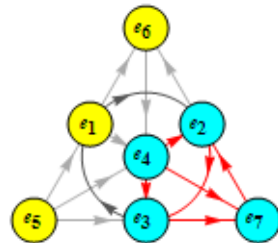
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	1	-1	-5	-4	-7	-6
3	2	1	1	-6	7	-4	5
4	-7	5	6	-1	-2	-3	1
5	6	-4	-7	2	1	1	-3
6	-5	-7	-4	3	-1	1	2
7	4	6	-5	-1	3	-2	-1

Split=3(2, 3, 4, 7) Not Flipped



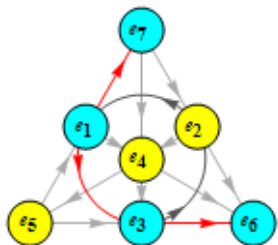
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	1	1	-5	-4	7	-6
3	-2	-1	1	7	-6	5	4
4	-6	5	-7	1	2	1	-3
5	7	4	6	-2	-1	-3	-1
6	4	-7	-5	1	3	1	2
7	-5	6	-4	3	1	-2	-1

Split=4(1, 3, 6, 7) Flipped



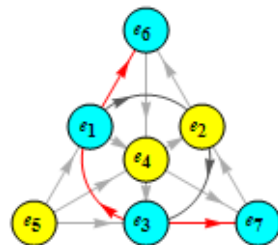
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	1	-1	5	4	7	6
3	2	1	1	6	-7	4	-5
4	-7	-5	-6	1	-2	-3	-1
5	6	-4	7	2	-1	-1	-3
6	-5	-7	-4	3	1	-1	2
7	4	-6	5	1	3	-2	1

Split=4(1, 3, 6, 7) Not Flipped



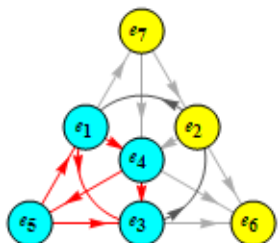
0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	-7	4	-5
2	3	-1	-1	5	-4	7	-6
3	2	1	1	-7	-6	-5	-4
4	-6	-5	7	-1	2	1	-3
5	7	4	6	-2	-1	-3	-1
6	-4	-7	5	-1	3	1	-2
7	5	6	4	3	1	2	1

Split=5(1, 3, 4, 5) Flipped

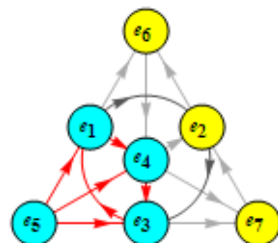


0→1	1	2	3	4	5	6	7
1	1	3	2	7	-6	-5	4
2	-3	-1	1	-5	4	7	-6
3	-2	-1	1	-6	-7	-4	-5
4	-7	5	6	-1	-2	-3	1
5	6	-4	7	2	-1	-1	-3
6	5	-7	4	3	1	1	-2
7	-4	6	5	-1	3	2	1

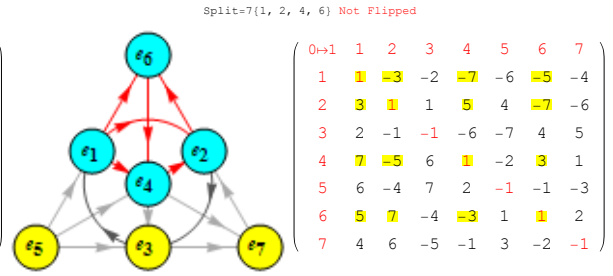
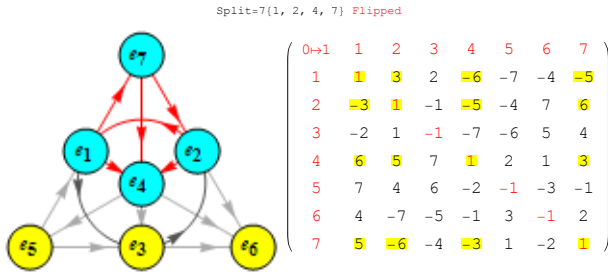
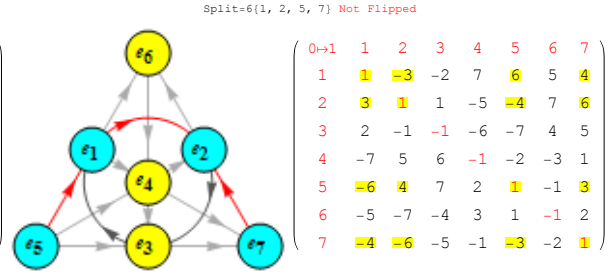
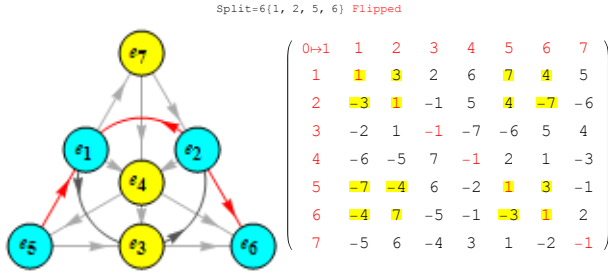
Split=5(1, 3, 4, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-3	-2	-6	7	-4	5
2	3	-1	-1	5	-4	7	-6
3	2	1	1	7	6	5	4
4	-6	-5	-7	1	-2	1	-3
5	-7	4	-6	2	1	-3	-1
6	4	-7	-5	-1	3	-1	2
7	-5	6	-4	3	1	-2	-1

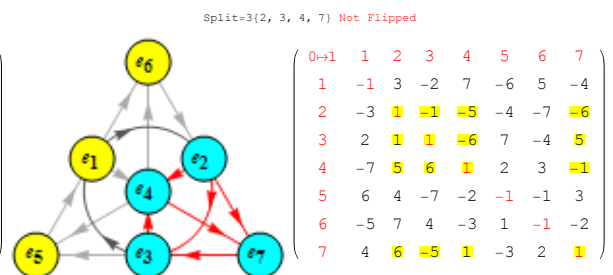
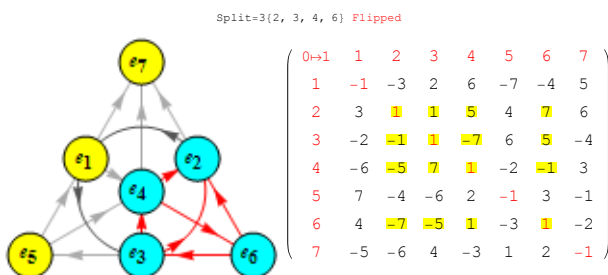
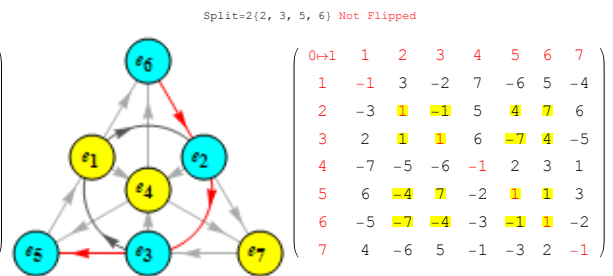
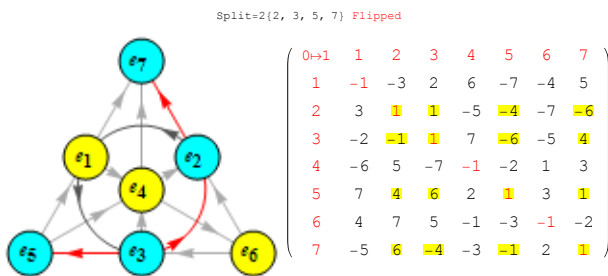
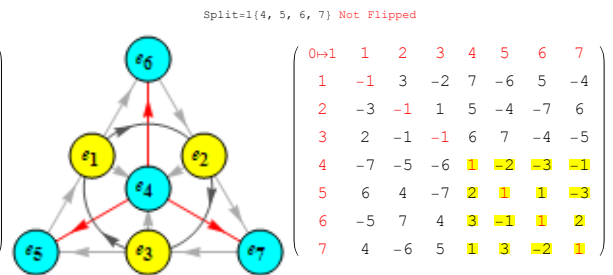
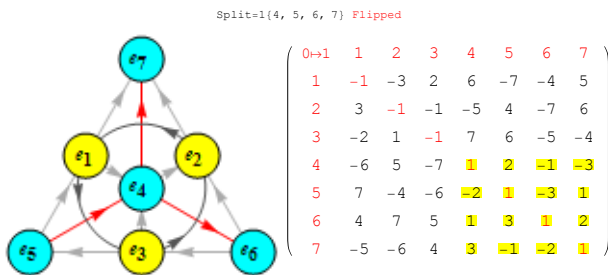
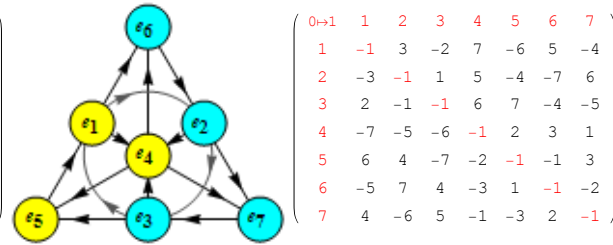
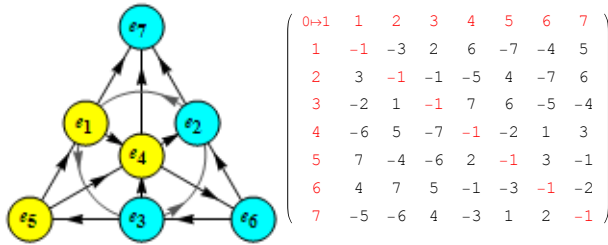


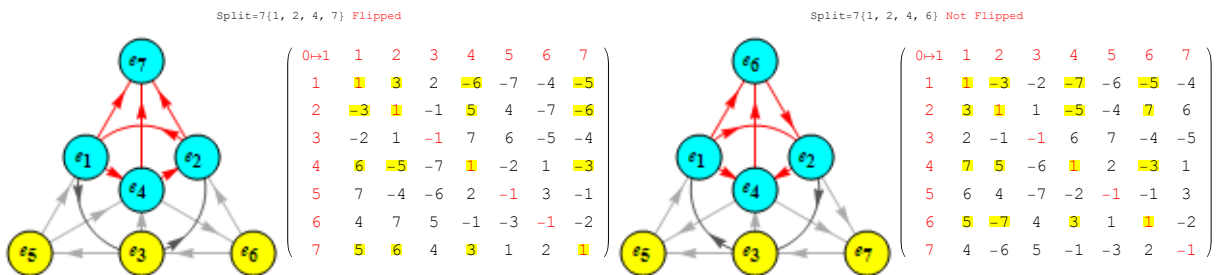
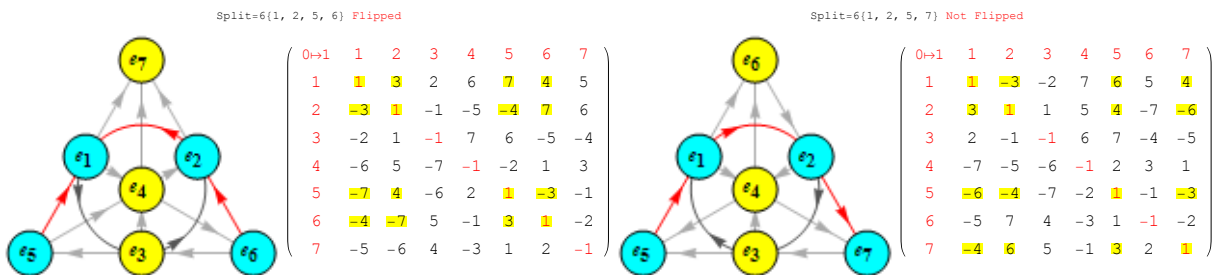
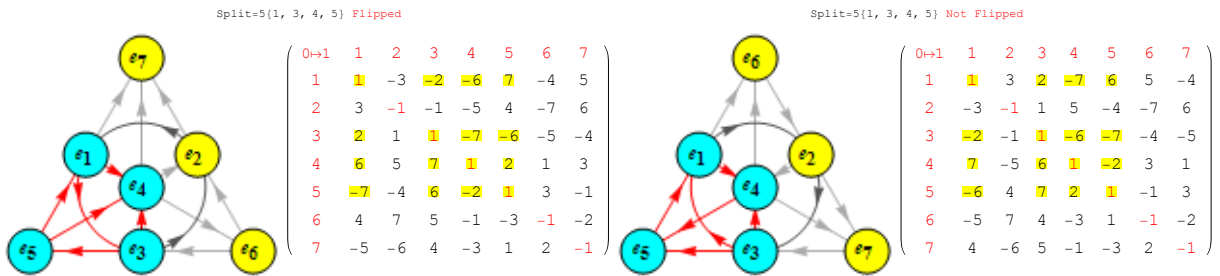
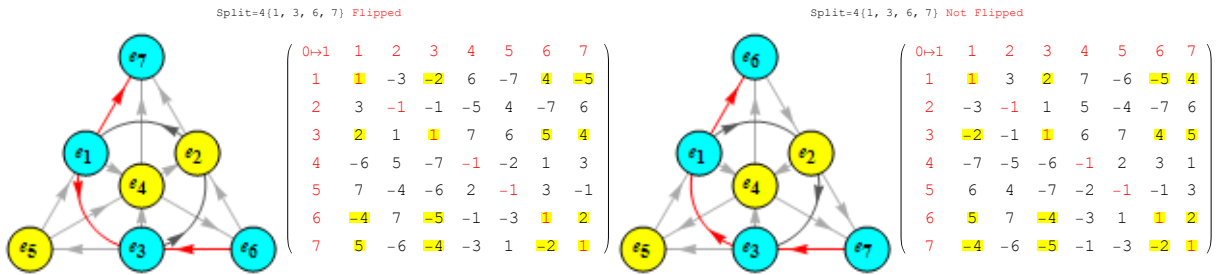
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	6	5	-4
2	-3	-1	1	-5	4	7	-6
3	-2	-1	1	6	7	4	5
4	-7	5	-6	1	2	-3	1
5	-6	-4	-7	-2	1	-1	-3
6	-5	-7	-4	3	1	-1	2
7	4	6	-5	-1	3	-2	-1



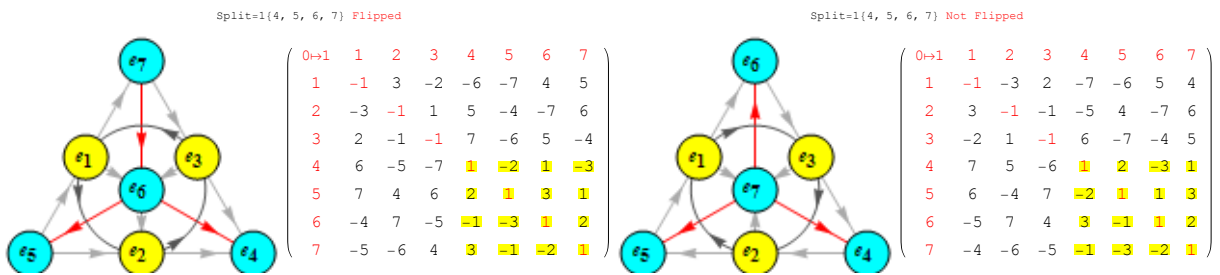
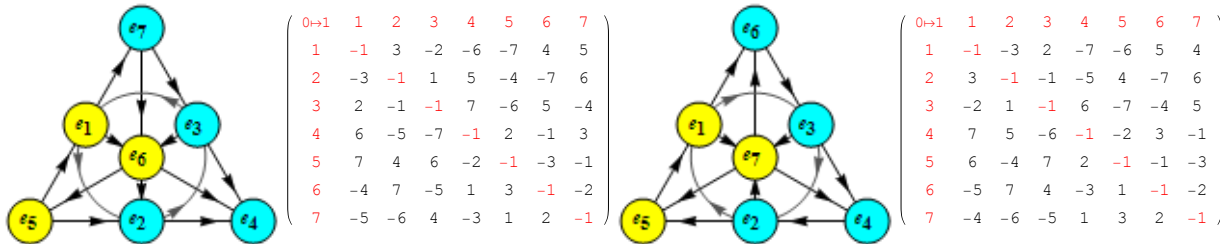
ESu238 Flip ((1, 3, 2), (1, 4, 6), (1, 7, 5), (2, 5, 4), (2, 7, 6), (3, 4, 7), (3, 5, 6))

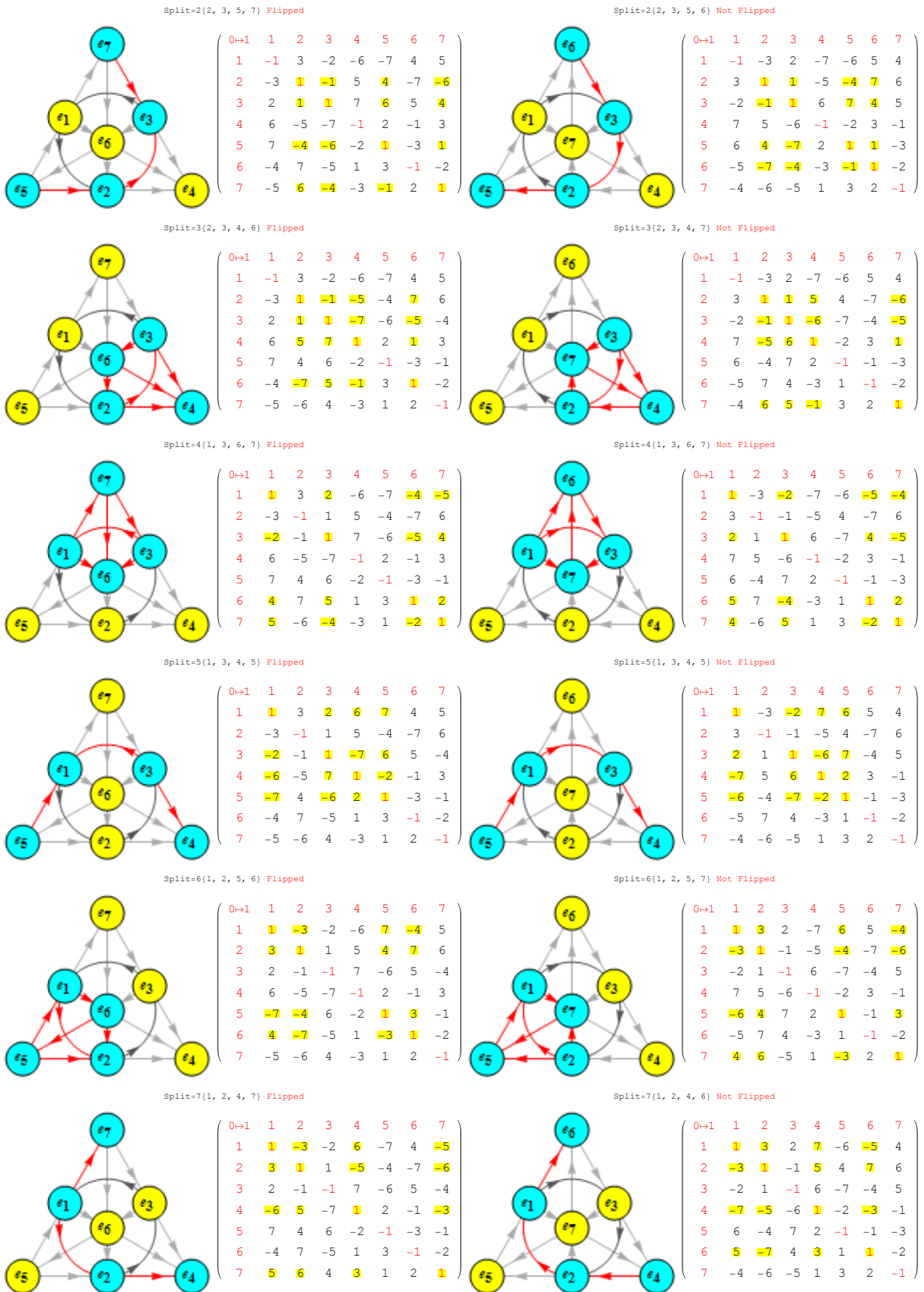
No Flip ((1, 2, 3), (1, 4, 7), (1, 6, 5), (2, 4, 5), (2, 7, 6), (3, 4, 6), (3, 5, 7))





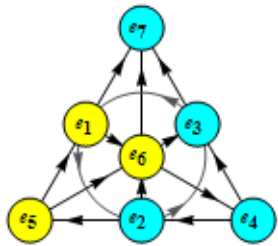
EB95 Flip {(1, 2, 3), (1, 6, 4), (1, 7, 5), (2, 4, 5), (2, 7, 6), (3, 4, 7), (3, 6, 5)} No Flip {(1, 3, 2), (1, 7, 4), (1, 6, 5), (2, 5, 4), (2, 7, 6), (3, 4, 6), (3, 7, 5)}





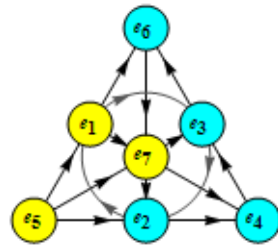
E8m233 Flip  $\{(1, 2, 3), (1, 6, 4), (1, 7, 5), (2, 5, 4), (2, 6, 7), (3, 7, 4), (3, 5, 6)\}$

No Flip  $\{(1, 3, 2), (1, 7, 4), (1, 6, 5), (2, 4, 5), (2, 6, 7), (3, 6, 4), (3, 5, 7)\}$



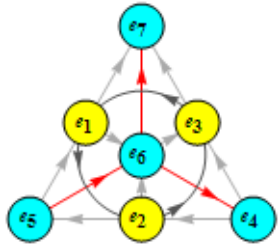
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	-1	1	-5	4	7	-6
3	2	-1	-1	-7	6	-5	4
4	6	5	7	-1	-2	-1	-3
5	7	-4	-6	2	-1	3	-1
6	-4	-7	5	1	-3	-1	2
7	-5	6	-4	3	1	-2	-1

Split=1(4, 5, 6, 7) Flipped



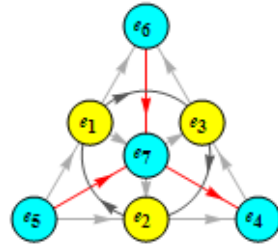
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	-1	-1	5	-4	7	-6
3	-2	1	-1	-6	7	4	-5
4	7	-5	6	-1	2	-3	-1
5	6	4	-7	-2	-1	-1	3
6	-5	-7	-4	3	1	-1	2
7	-4	6	5	1	-3	-2	-1

Split=1(4, 5, 6, 7) Not Flipped



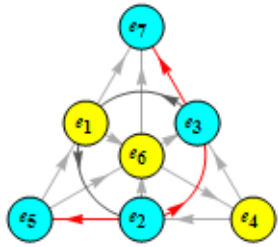
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	-1	1	-5	4	7	-6
3	2	-1	-1	-7	6	-5	4
4	6	5	7	1	2	3	3
5	7	-4	-6	-2	1	-3	1
6	-4	-7	5	-1	3	1	-2
7	-5	6	-4	-3	-1	2	1

Split=2(2, 3, 5, 7) Flipped



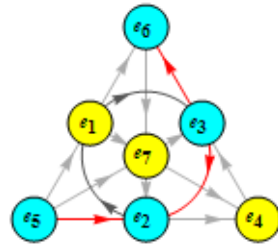
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	-1	-1	5	-4	7	-6
3	-2	1	-1	-6	7	4	-5
4	7	-5	6	1	-2	3	1
5	6	4	-7	2	1	-1	-3
6	-5	-7	-4	-3	-1	1	-2
7	-4	6	5	-1	3	2	1

Split=2(2, 3, 5, 6) Not Flipped



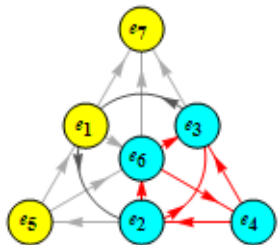
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	1	-5	-4	7	6	1
3	2	1	-7	-6	-5	-4	1
4	6	5	7	-1	-2	-1	-3
5	7	-4	-6	2	3	1	1
6	-4	-7	5	1	-3	-1	2
7	-5	-6	4	3	-1	-2	1

Split=3(2, 3, 4, 6) Flipped



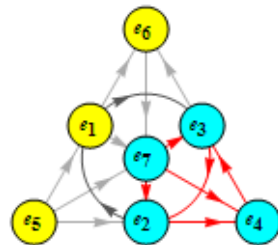
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	1	5	4	-7	-6	1
3	-2	1	-6	-7	-4	-5	1
4	7	-5	6	-1	2	-3	-1
5	6	-4	-7	2	1	3	1
6	-5	-7	-4	3	-1	1	2
7	-4	6	5	1	-3	-2	-1

Split=3(2, 3, 4, 7) Not Flipped



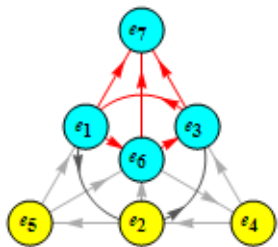
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	1	-5	-4	7	6	1
3	2	1	-7	-6	-5	-4	1
4	6	-5	-7	-2	1	-3	1
5	7	-4	-6	2	-1	3	-1
6	-4	-7	5	-1	-3	1	2
7	-5	6	-4	3	1	-2	-1

Split=4(1, 3, 6, 7) Flipped



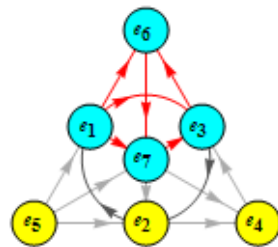
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	1	5	-4	7	6	1
3	-2	1	-6	-7	-4	-5	1
4	7	-5	6	-1	2	-3	1
5	6	4	-7	-2	-1	-1	3
6	-5	-7	-4	3	1	-1	2
7	-4	-6	-5	-1	-3	-2	1

Split=4(1, 3, 6, 7) Not Flipped



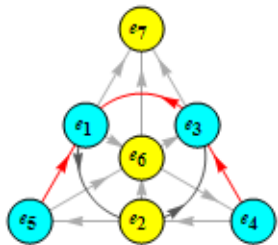
0→1	1	2	3	4	5	6	7
1	1	3	-6	-7	-4	-5	1
2	-3	-1	1	-5	4	7	-6
3	-2	-1	-7	6	5	-4	1
4	6	5	7	-1	-2	-1	-3
5	7	-4	-6	2	-1	3	-1
6	-4	-7	5	1	-3	1	-2
7	-5	6	-4	3	1	-2	1

Split=5(1, 3, 4, 5) Flipped

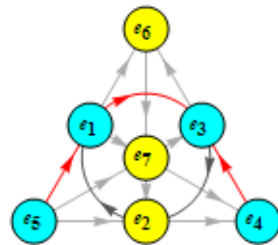


0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	-6	-5	-4
2	3	-1	-1	5	-4	7	-6
3	2	1	-6	7	-4	5	1
4	7	-5	6	-1	2	-3	-1
5	6	4	-7	-2	-1	-1	3
6	-5	-7	-4	3	1	1	-2
7	-4	6	-5	1	-3	2	1

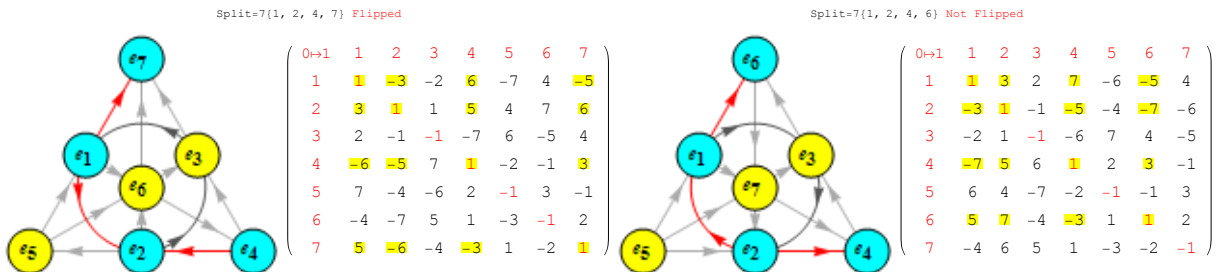
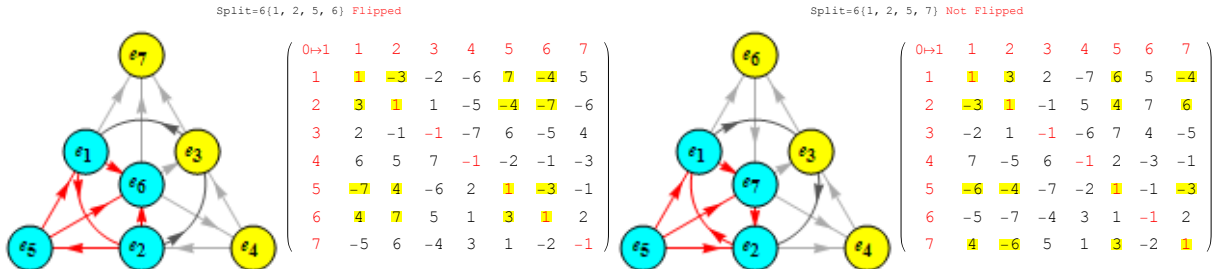
Split=5(1, 3, 4, 5) Not Flipped



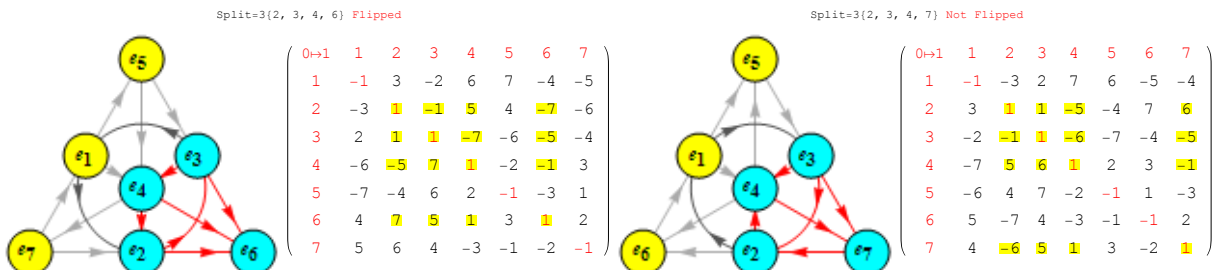
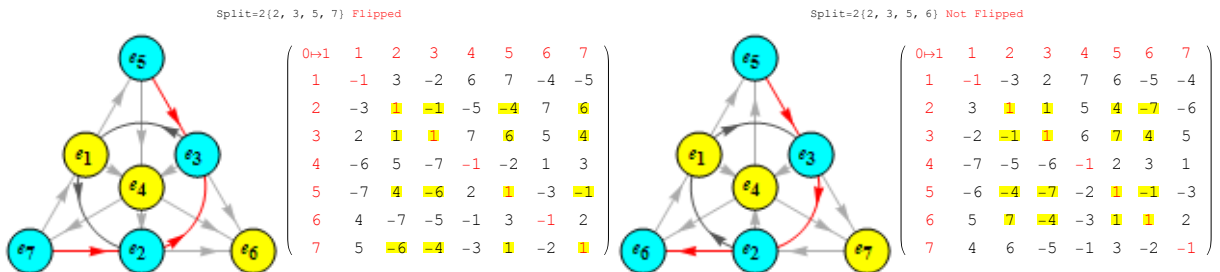
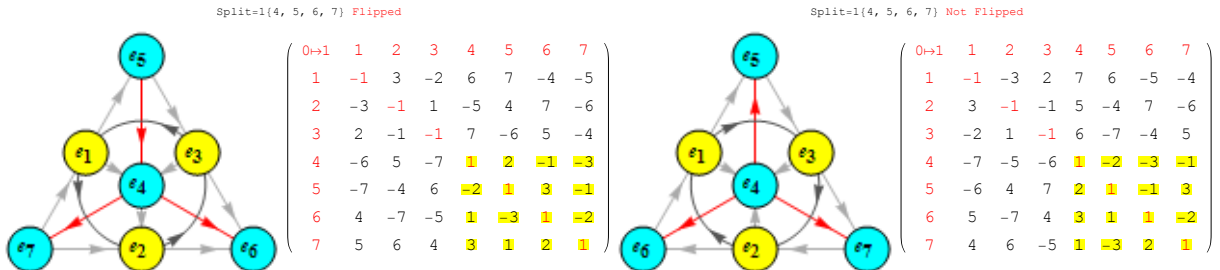
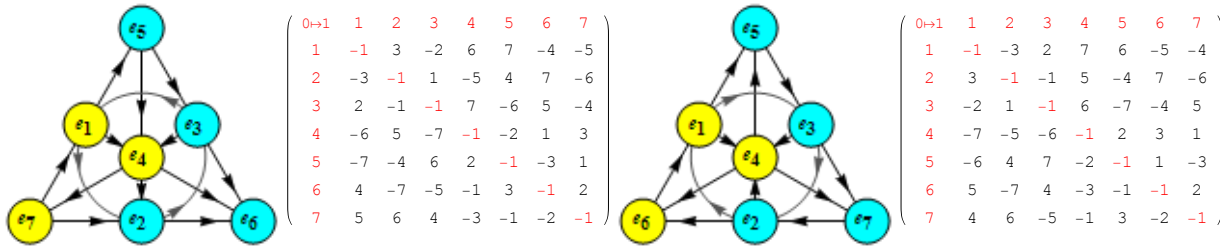
0→1	1	2	3	4	5	6	7
1	1	3	-6	-7	-4	-5	1
2	-3	-1	1	-5	4	7	-6
3	-2	-1	-7	6	5	-4	1
4	-6	5	-7	-2	-1	-3	1
5	-7	-4	-6	2	3	-1	1
6	-4	-7	5	1	-3	-1	2
7	-5	6	-4	3	1	-2	-1

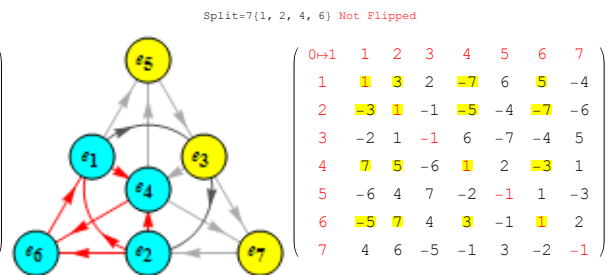
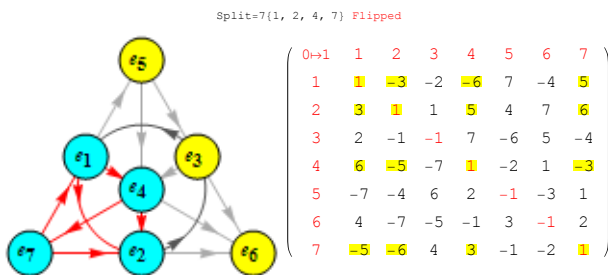
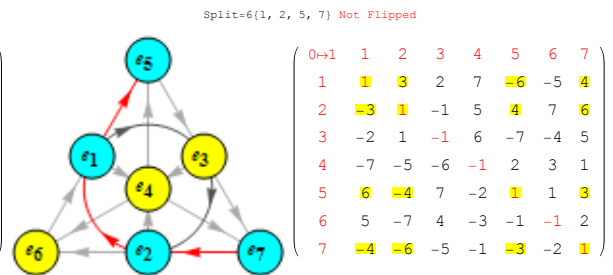
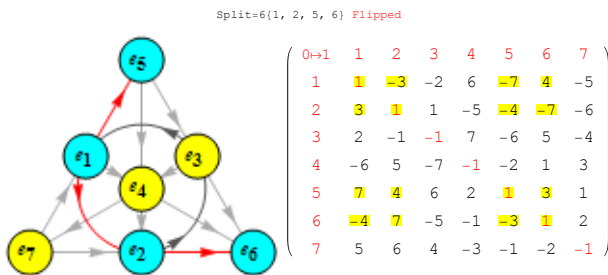
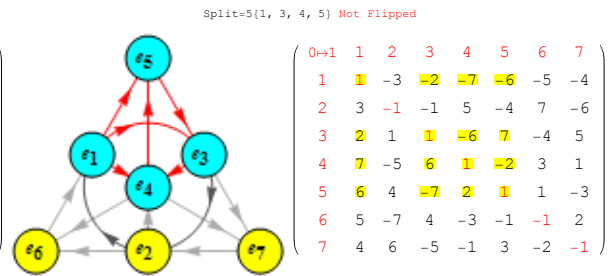
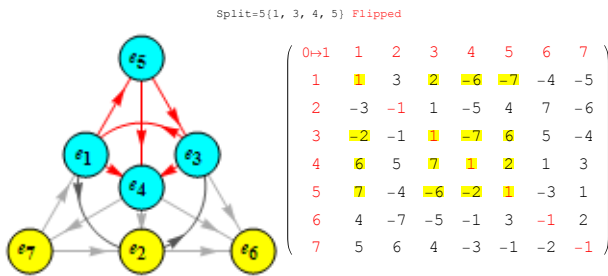
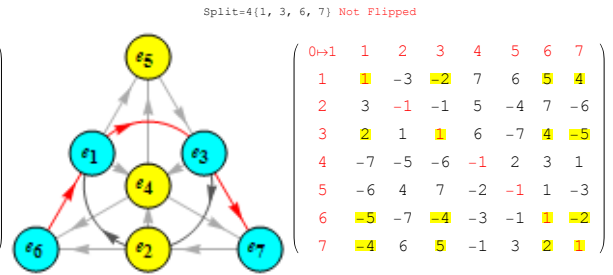
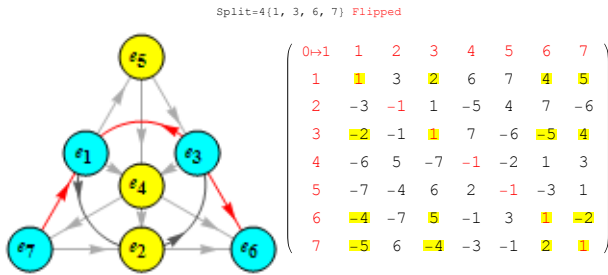


0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	-6	-5	-4
2	3	-1	-1	5	-4	7	-6
3	2	1	-6	7	-4	5	1
4	-7	-5	-6	-2	-3	-1	1
5	-6	4	-7	2	3	-1	1
6	-5	-7	-4	3	1	-1	2
7	-4	6	5	1	-3	-2	-1



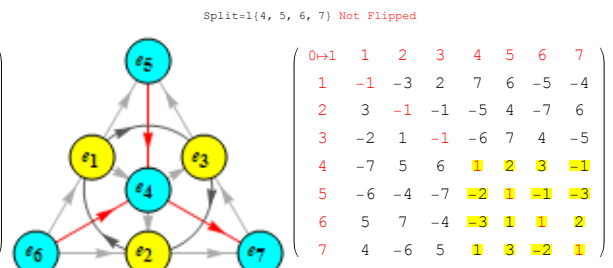
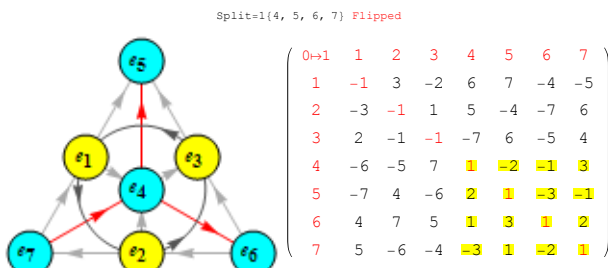
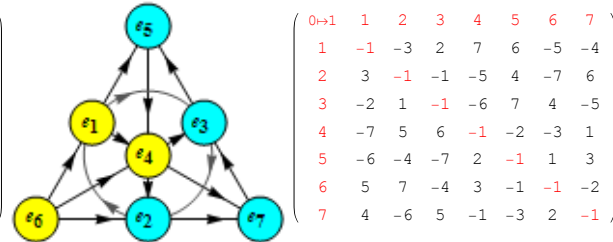
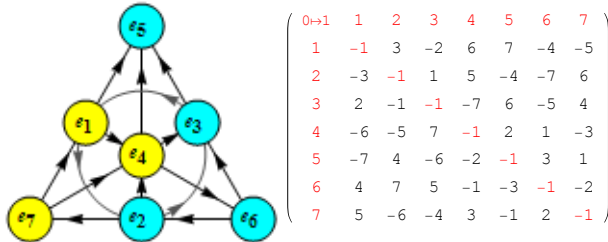
EB899 Flip {(1, 2, 3), (1, 4, 6), (1, 5, 7), (2, 5, 4), (2, 6, 7), (3, 4, 7), (3, 6, 5)} No Flip {(1, 3, 2), (1, 4, 7), (1, 5, 6), (2, 4, 5), (2, 6, 7), (3, 4, 6), (3, 7, 5)}

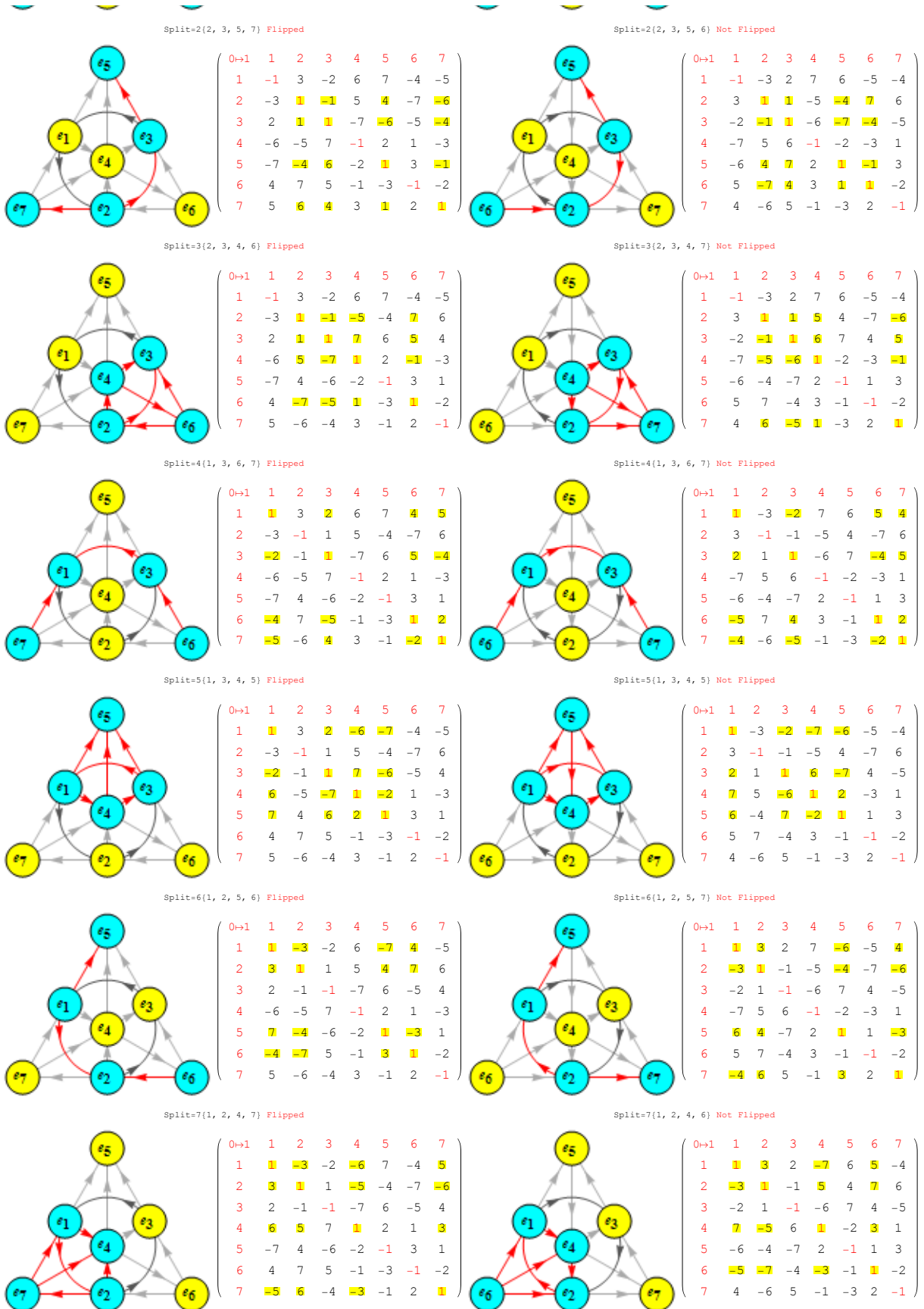




EBM229 Flip ((1, 2, 3), (1, 4, 6), (1, 5, 7), (2, 4, 5), (2, 7, 6), (3, 7, 4), (3, 5, 6))

No Flip ((1, 3, 2), (1, 4, 7), (1, 5, 6), (2, 5, 4), (2, 7, 6), (3, 6, 4), (3, 5, 7))

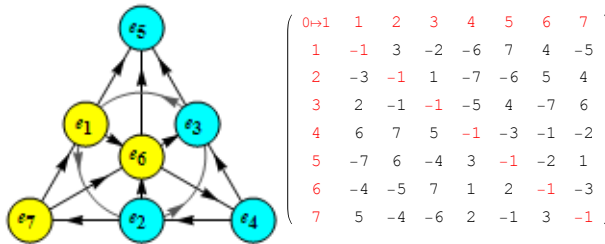






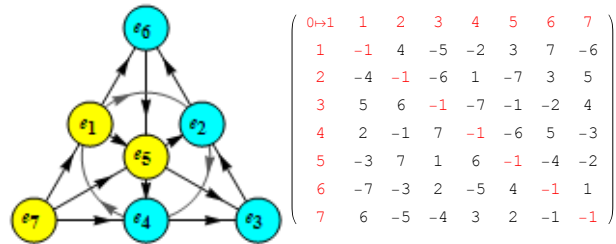
BBM53 Flip  $\{(1, 2, 3), (1, 6, 4), (1, 5, 7), (2, 7, 4), (2, 6, 5), (3, 5, 4), (3, 7, 6)\}$

No Flip  $\{(1, 2, 4), (1, 5, 3), (1, 6, 7), (2, 6, 3), (2, 7, 5), (3, 7, 4), (4, 6, 5)\}$



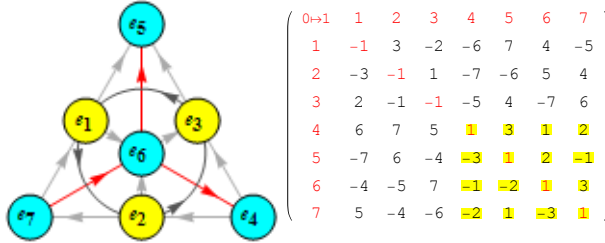
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	7	4	-5
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	-5	4	-7	6
4	6	7	5	-1	-3	-1	-2
5	-7	6	-4	3	-1	-2	1
6	-4	-5	7	1	2	-1	-3
7	5	-4	-6	2	-1	3	-1

Split=1(4, 5, 6, 7) Flipped



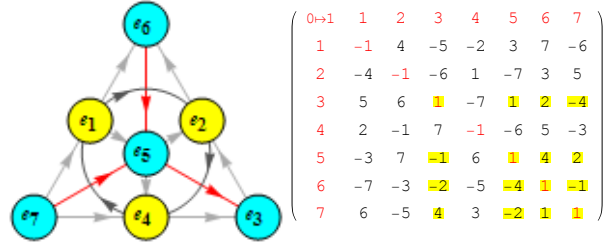
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	-1	-6	1	-7	3	5
3	5	6	-1	-7	-1	-2	4
4	2	-1	7	-1	-6	5	-3
5	-3	7	1	6	-1	-4	-2
6	-7	-3	2	-5	4	-1	1
7	6	-5	-4	3	2	-1	-1

Split=1(3, 5, 6, 7) Not Flipped



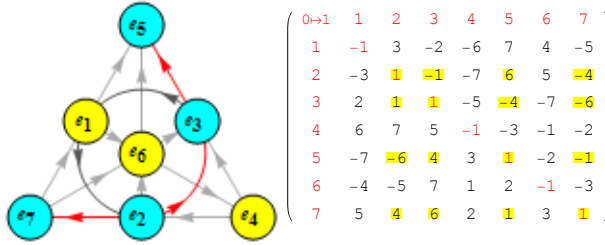
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	7	4	-5
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	-5	4	-7	6
4	6	7	5	1	3	1	2
5	-7	6	-4	-3	1	2	-1
6	-4	-5	7	-1	-2	1	3
7	5	-4	-6	-2	1	-3	1

Split=2(2, 3, 5, 7) Flipped



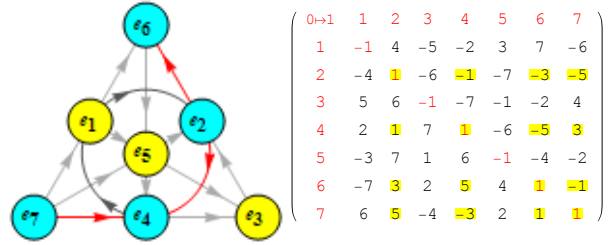
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	-1	-6	1	-7	3	5
3	5	6	-1	-7	1	2	-4
4	2	-1	7	-1	-6	5	-3
5	-3	7	-1	6	1	4	2
6	-7	-3	-2	-5	-4	1	-1
7	6	-5	4	3	-2	1	1

Split=2(2, 4, 6, 7) Not Flipped



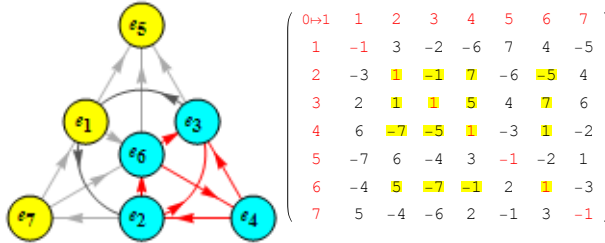
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	7	4	-5
2	-3	1	-1	-7	6	5	-4
3	2	1	1	-5	-4	-7	-6
4	6	7	5	-1	-3	-1	-2
5	-7	-6	4	3	1	-2	-1
6	-4	-5	7	1	2	-1	-3
7	5	4	6	2	1	3	1

Split=3(2, 3, 4, 6) Flipped



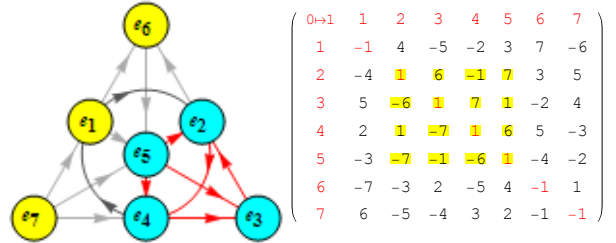
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	1	-6	-1	-7	-3	-5
3	5	6	-1	-7	-1	-2	4
4	2	1	7	1	-6	-5	3
5	-3	7	1	6	-1	-4	-2
6	-7	3	2	5	4	1	-1
7	6	5	-4	-3	2	1	1

Split=3(2, 3, 4, 5) Not Flipped



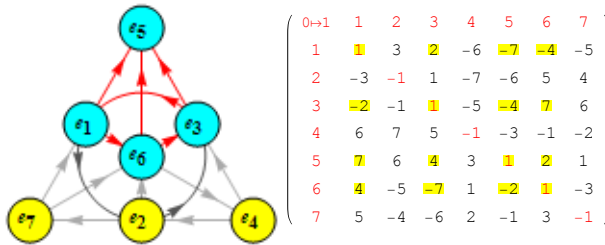
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	7	4	-5
2	-3	1	-1	-7	-6	5	4
3	2	1	1	5	4	7	6
4	6	-7	-5	1	-3	1	-2
5	-7	6	-4	3	-1	-2	1
6	-4	5	-7	-1	2	1	-3
7	5	-4	-6	2	-1	3	-1

Split=4(1, 3, 5, 6) Flipped



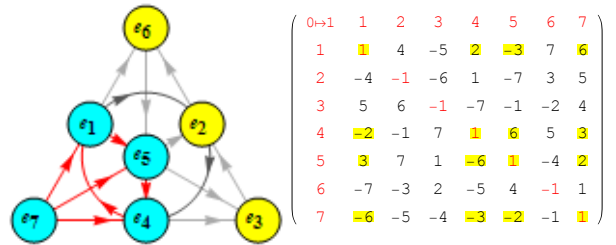
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	1	-6	-1	-7	3	5
3	5	-6	1	7	1	-2	4
4	2	1	-7	1	6	5	-3
5	-3	-7	-1	-6	1	-4	-2
6	-7	-3	2	-5	4	-1	1
7	6	-5	-4	3	2	-1	-1

Split=4(1, 4, 5, 7) Not Flipped



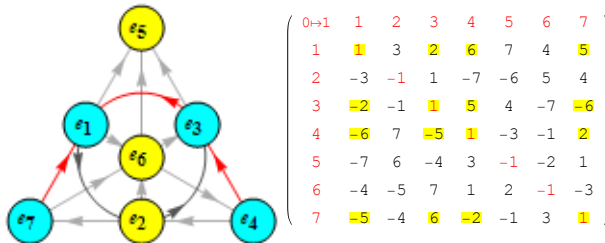
0→1	1	2	3	4	5	6	7
1	1	3	2	-6	-7	-4	-5
2	-3	-1	1	-7	-6	5	4
3	-2	-1	1	-5	-4	7	6
4	6	7	5	-1	-3	-1	-2
5	7	6	4	3	1	2	1
6	4	-5	-7	1	-2	1	-3
7	5	-4	-6	2	-1	3	-1

Split=5(1, 3, 4, 7) Flipped

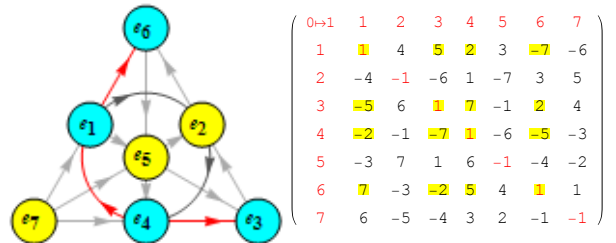


0→1	1	2	3	4	5	6	7
1	1	4	-5	2	-3	7	6
2	-4	-1	-6	1	-7	3	5
3	5	6	-1	-7	-1	-2	4
4	-2	-1	7	1	6	5	3
5	3	7	1	-6	1	-4	2
6	-7	-3	2	-5	4	-1	1
7	-6	-5	-4	-3	-2	-1	1

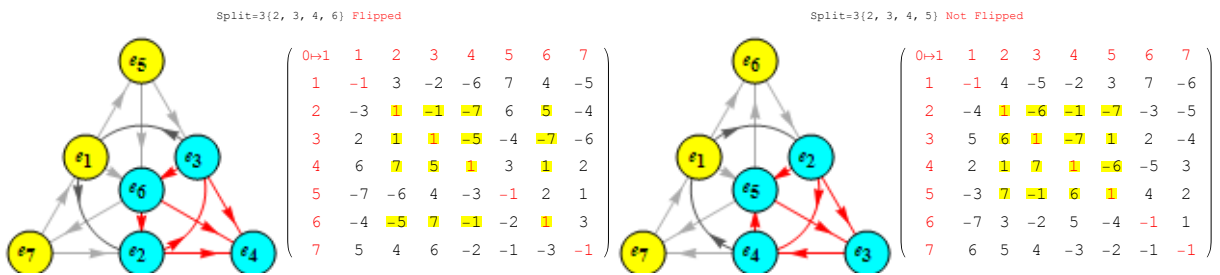
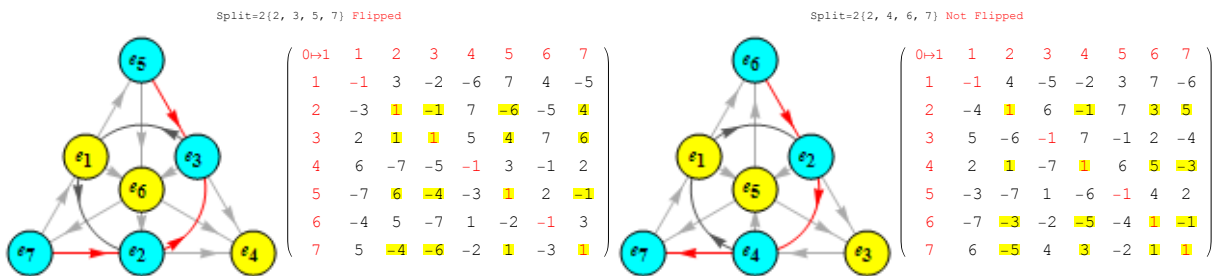
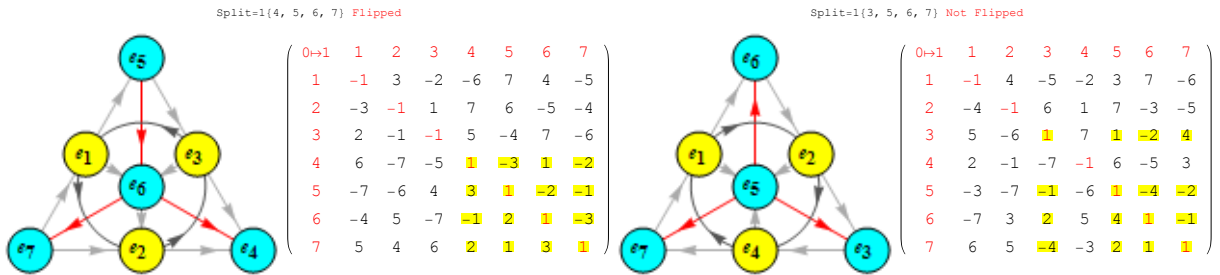
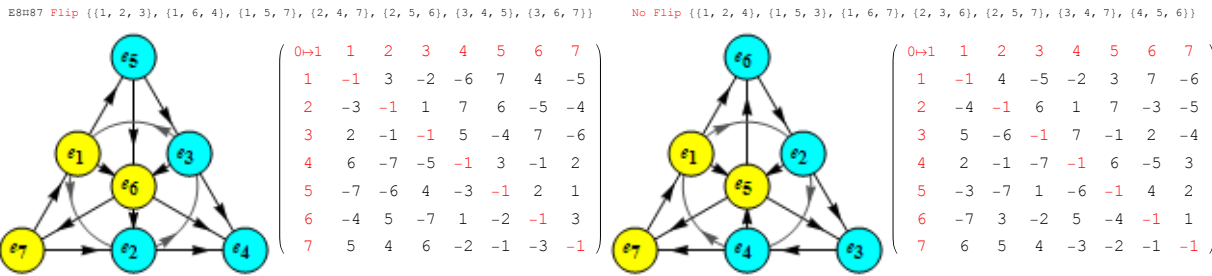
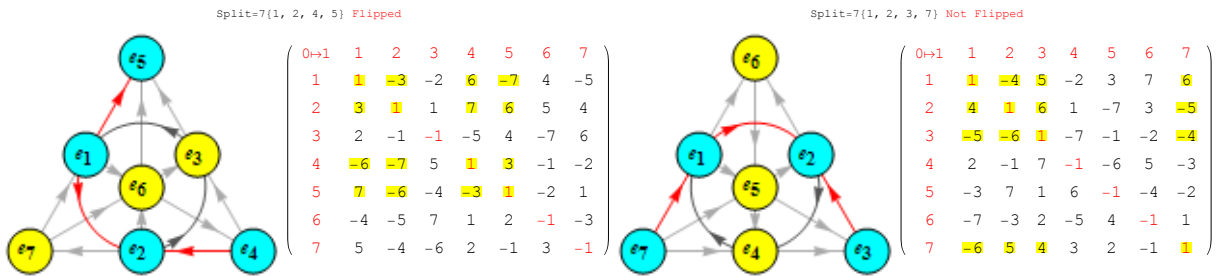
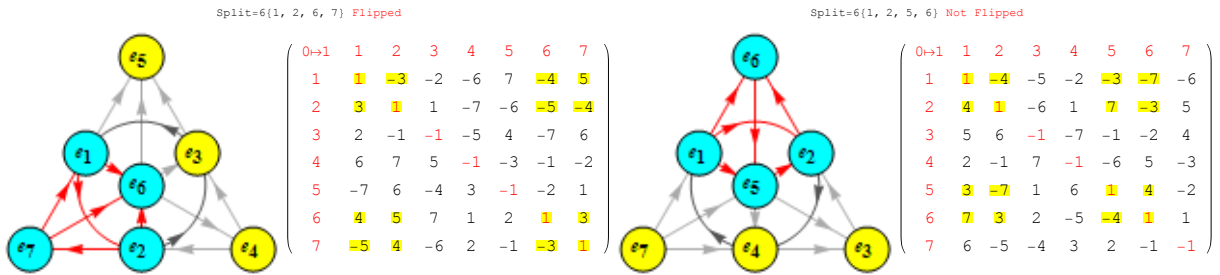
Split=5(1, 3, 4, 6) Not Flipped

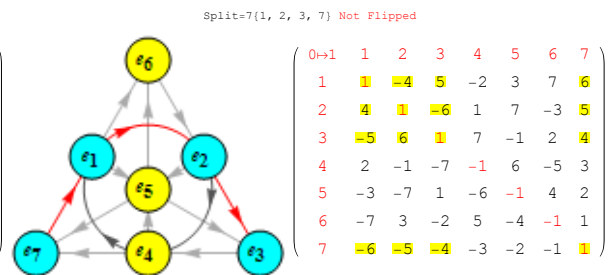
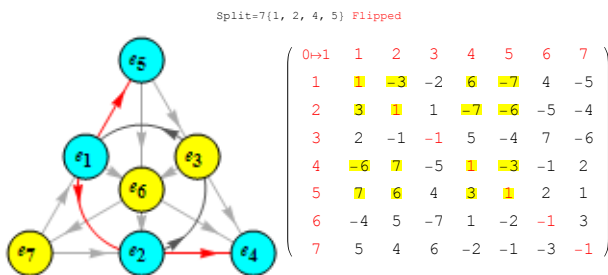
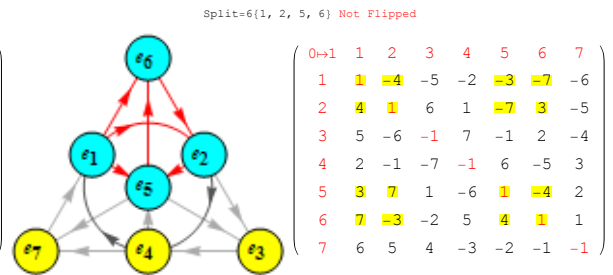
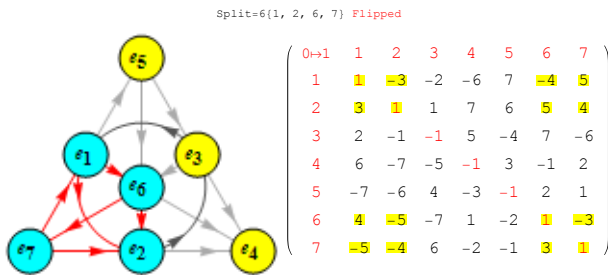
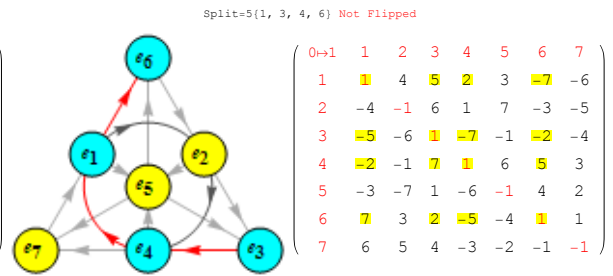
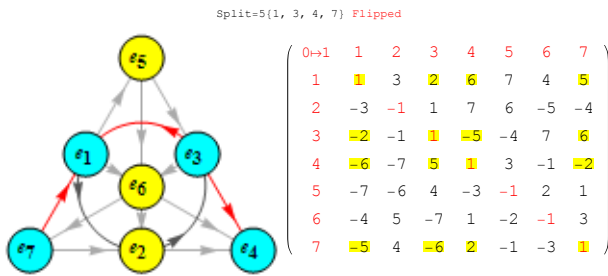
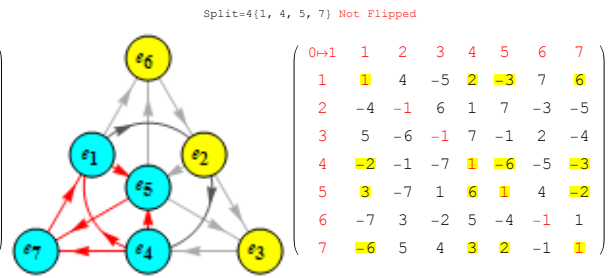
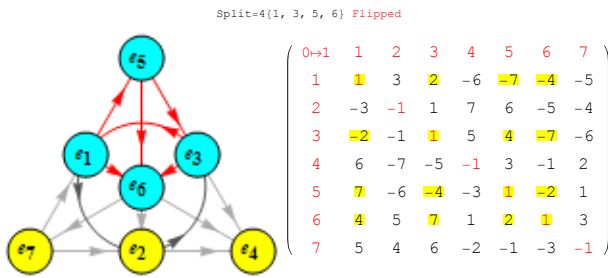


0→1	1	2	3	4	5	6	7
1	1	3	2	6	7	4	5
2	-3	-1	1	-7	-6	5	4
3	-2	-1	1	5	4	-7	-6
4	-6	7	-5	1	-3	-1	2
5	-7	6	-4	3	-1	-2	1
6	-4	-5	7	1	2	-1	-3
7	-5	-4	6	-2	-1	3	1



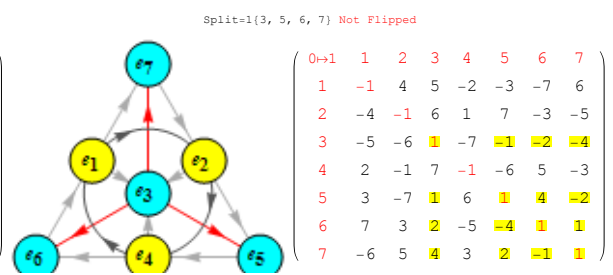
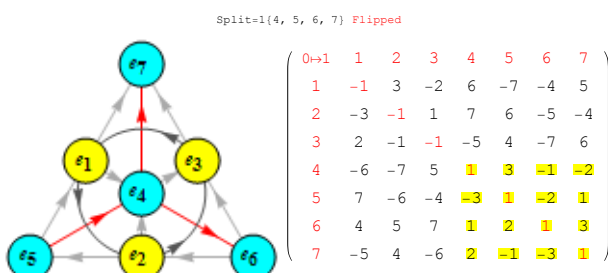
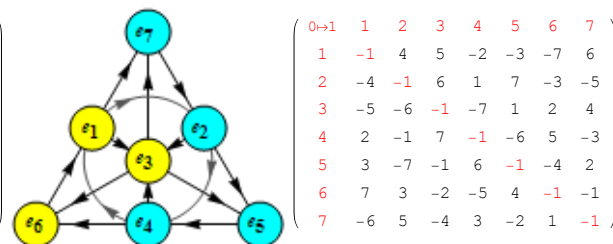
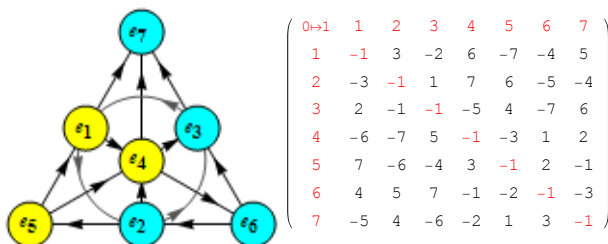
0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	-7	-6
2	-4	-1	-6	1	-7	3	5
3	-5	6	1	7	-1	2	4
4	-2	-1	-7	1	-6	-5	-3
5	-3	7	1	6	-1	-4	-2
6	7	-3	-2	5	4	1	1
7	6	-5	-4	3	2	-1	-1

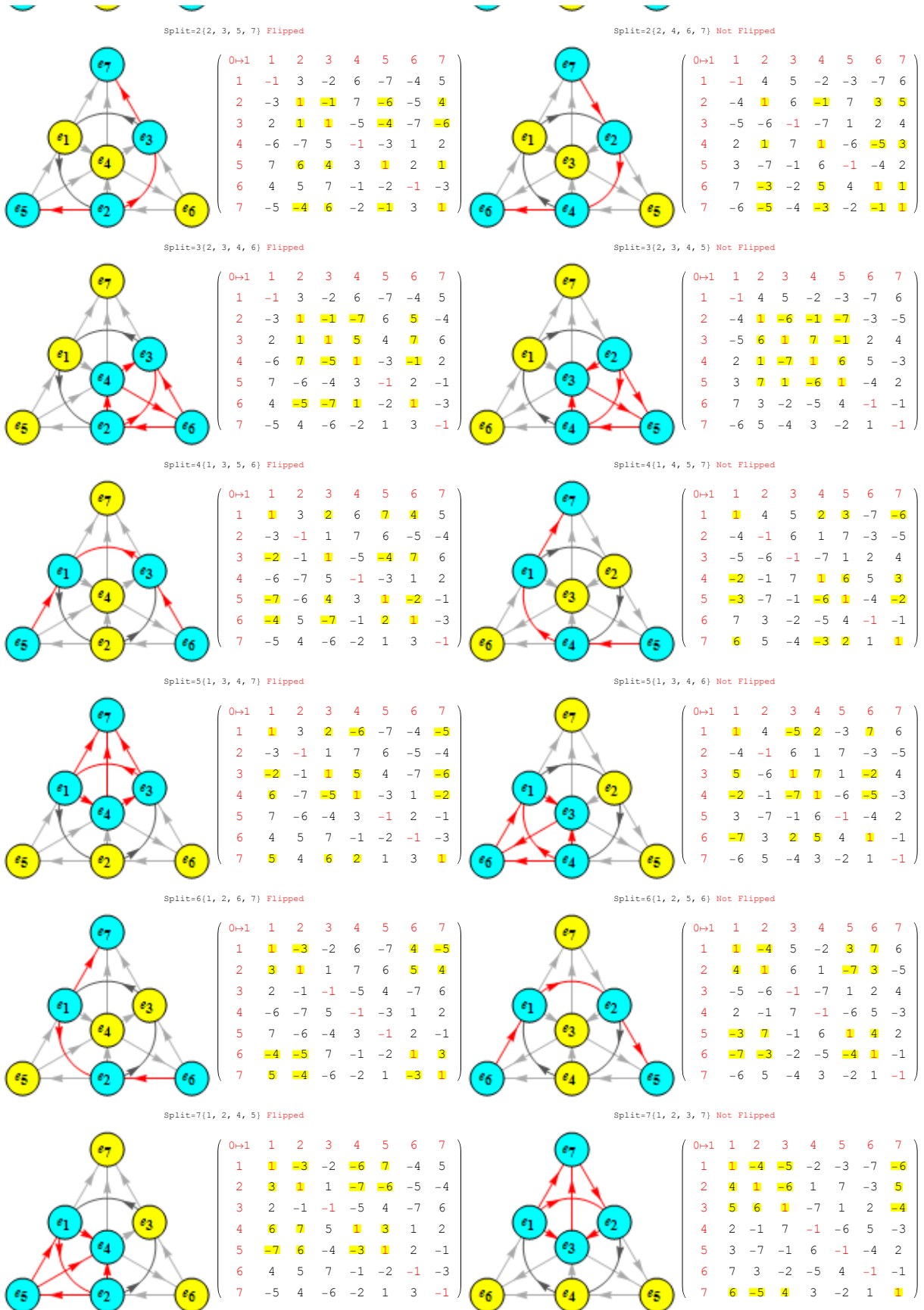




EBM62 Flip ((1, 2, 3), (1, 4, 6), (1, 7, 5), (2, 4, 7), (2, 5, 6), (3, 5, 4), (3, 7, 6))

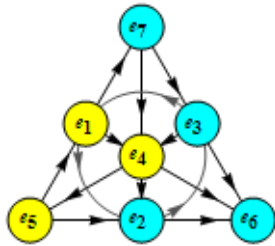
No Flip ((1, 2, 4), (1, 3, 5), (1, 7, 6), (2, 3, 6), (2, 5, 7), (3, 7, 4), (4, 6, 5))



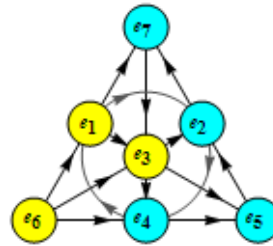


BBH92 Flip  $\{(1, 2, 3), (1, 4, 6), (1, 7, 5), (2, 7, 4), (2, 6, 5), (3, 4, 5), (3, 6, 7)\}$

No Flip  $\{(1, 2, 4), (1, 3, 5), (1, 7, 6), (2, 6, 3), (2, 7, 5), (3, 4, 7), (4, 5, 6)\}$



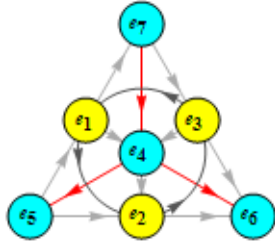
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	5	-4	7	-6
4	-6	7	-5	-1	3	1	-2
5	7	6	4	-3	-1	-2	-1
6	4	-5	-7	-1	2	-1	3
7	-5	-4	6	2	1	-3	-1



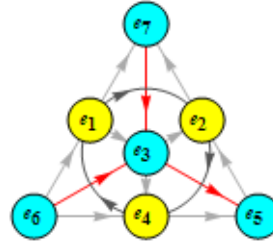
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	-1	-6	1	-7	3	5
3	-5	6	-1	7	1	-2	-4
4	2	-1	-7	-1	6	-5	3
5	3	7	-1	-6	-1	4	-2
6	7	-3	2	5	-4	-1	-1
7	-6	-5	4	-3	2	1	-1

Split=1(4, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



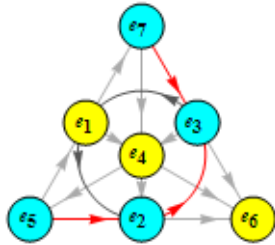
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	-1	1	-7	-6	5	4
3	2	-1	-1	5	-4	7	-6
4	-6	7	-5	<b>1</b>	<b>-3</b>	<b>-1</b>	<b>2</b>
5	7	6	4	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>
6	4	-5	-7	<b>1</b>	<b>-2</b>	<b>1</b>	<b>-3</b>
7	-5	-4	6	<b>-2</b>	<b>-1</b>	<b>3</b>	<b>1</b>



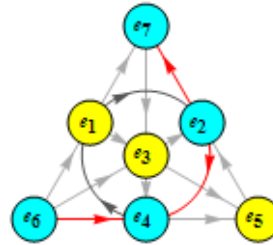
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	-1	-6	1	-7	3	5
3	-5	6	<b>1</b>	7	<b>-1</b>	<b>2</b>	<b>4</b>
4	2	-1	-7	-1	6	-5	3
5	3	7	<b>1</b>	-6	<b>1</b>	<b>-4</b>	<b>2</b>
6	7	-3	<b>-2</b>	5	<b>4</b>	<b>1</b>	<b>1</b>
7	-6	-5	<b>-4</b>	-3	<b>-2</b>	<b>-1</b>	<b>1</b>

Split=2(2, 3, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



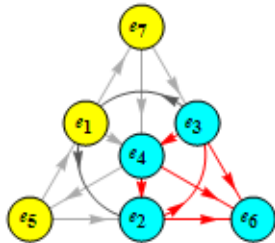
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	<b>1</b>	<b>-1</b>	-7	<b>6</b>	5	<b>-4</b>
3	2	<b>1</b>	<b>1</b>	5	4	7	<b>6</b>
4	-6	7	-5	-1	3	1	-2
5	7	<b>-6</b>	<b>-4</b>	-3	<b>1</b>	-2	<b>1</b>
6	4	-5	-7	-1	2	-1	3
7	-5	<b>4</b>	<b>-6</b>	2	<b>-1</b>	-3	<b>1</b>



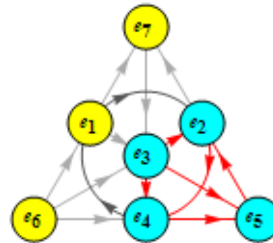
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	<b>1</b>	<b>-6</b>	<b>-1</b>	-7	<b>-3</b>	<b>-5</b>
3	-5	6	-1	7	1	-2	-4
4	2	<b>1</b>	-7	<b>1</b>	6	<b>5</b>	<b>-3</b>
5	3	7	-1	-6	-1	4	-2
6	7	<b>3</b>	2	<b>-5</b>	-4	<b>1</b>	<b>1</b>
7	-6	<b>5</b>	4	<b>3</b>	2	<b>-1</b>	<b>1</b>

Split=3(2, 3, 4, 6) Flipped

Split=3(2, 3, 4, 5) Not Flipped



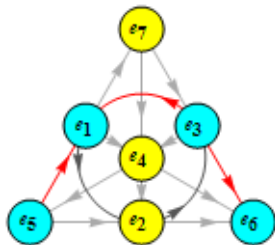
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	<b>1</b>	<b>-1</b>	7	-6	<b>-5</b>	4
3	2	<b>1</b>	<b>1</b>	<b>-5</b>	-4	<b>-7</b>	-6
4	-6	<b>-7</b>	<b>5</b>	<b>1</b>	3	<b>-1</b>	-2
5	7	6	4	-3	-1	-2	-1
6	4	<b>5</b>	<b>7</b>	<b>1</b>	2	<b>1</b>	3
7	-5	-4	6	2	1	-3	-1



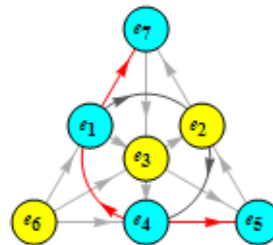
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	<b>1</b>	<b>6</b>	<b>-1</b>	7	3	5
3	-5	<b>-6</b>	<b>1</b>	<b>-7</b>	<b>1</b>	-2	-4
4	2	<b>1</b>	7	<b>1</b>	<b>-6</b>	-5	3
5	3	<b>-7</b>	<b>1</b>	6	<b>1</b>	4	-2
6	7	-3	2	5	-4	-1	-1
7	-6	-5	4	-3	2	1	-1

Split=4(1, 3, 5, 6) Flipped

Split=4(1, 4, 5, 7) Not Flipped



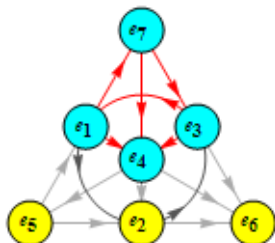
0→1	1	2	3	4	5	6	7
1	<b>1</b>	3	<b>2</b>	6	<b>7</b>	<b>4</b>	5
2	-3	-1	1	-7	-6	5	4
3	<b>-2</b>	-1	<b>1</b>	5	<b>4</b>	<b>-7</b>	-6
4	-6	7	-5	-1	3	1	-2
5	<b>-7</b>	6	<b>-4</b>	-3	<b>1</b>	<b>2</b>	-1
6	<b>-4</b>	-5	<b>7</b>	-1	<b>-2</b>	<b>1</b>	3
7	-5	-4	6	2	1	-3	-1



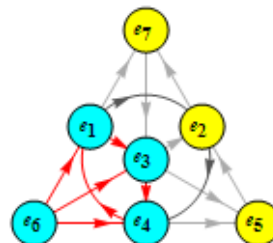
0→1	1	2	3	4	5	6	7
1	<b>1</b>	4	5	<b>2</b>	<b>3</b>	-7	<b>-6</b>
2	-4	-1	-6	1	-7	3	5
3	-5	6	-1	7	1	-2	-4
4	<b>-2</b>	-1	-7	<b>1</b>	<b>-6</b>	-5	<b>-3</b>
5	<b>-3</b>	7	-1	6	<b>1</b>	4	<b>2</b>
6	7	-3	2	5	-4	-1	-1
7	<b>6</b>	-5	4	<b>3</b>	<b>-2</b>	1	<b>1</b>

Split=5(1, 3, 4, 7) Flipped

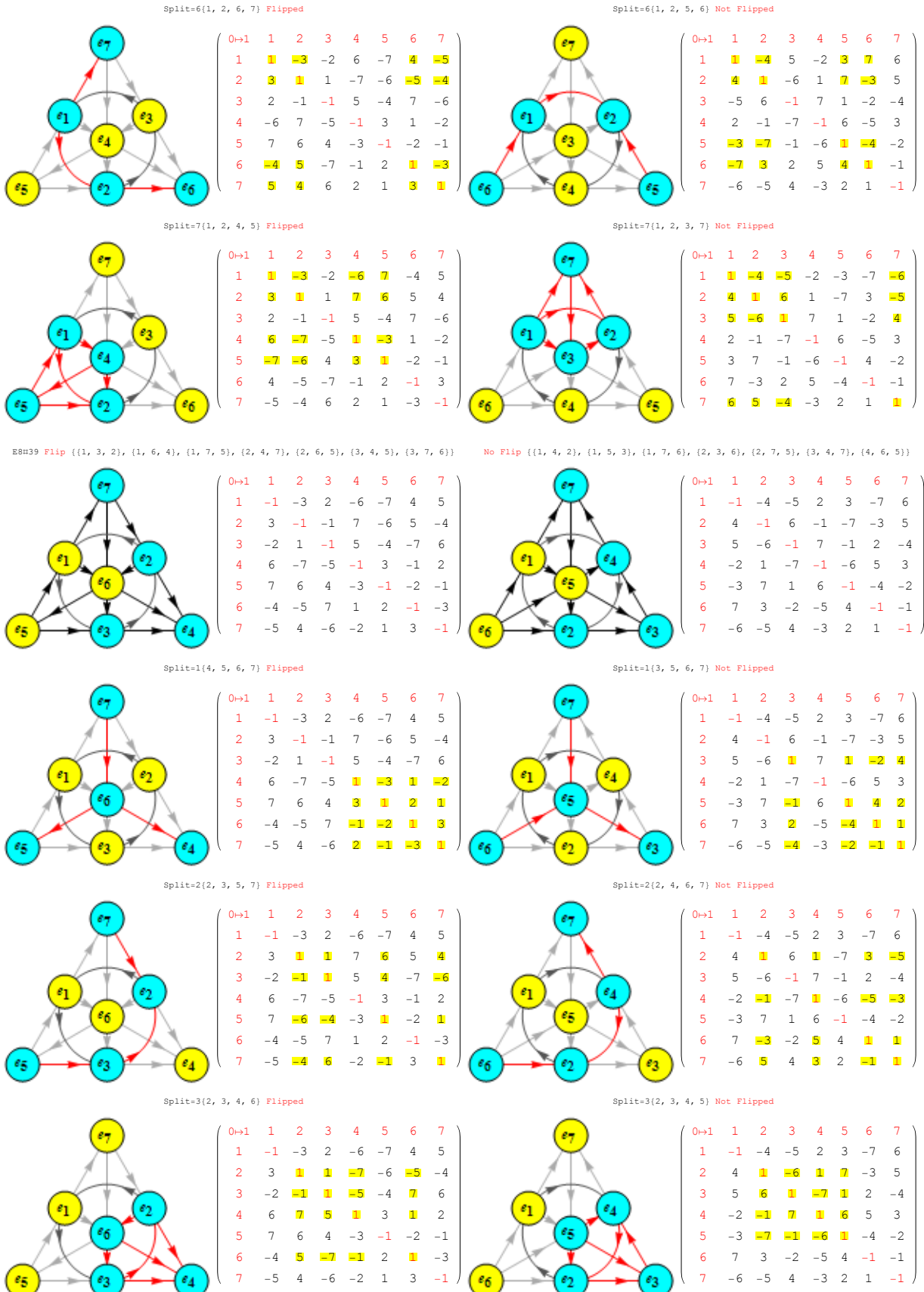
Split=5(1, 3, 4, 6) Not Flipped

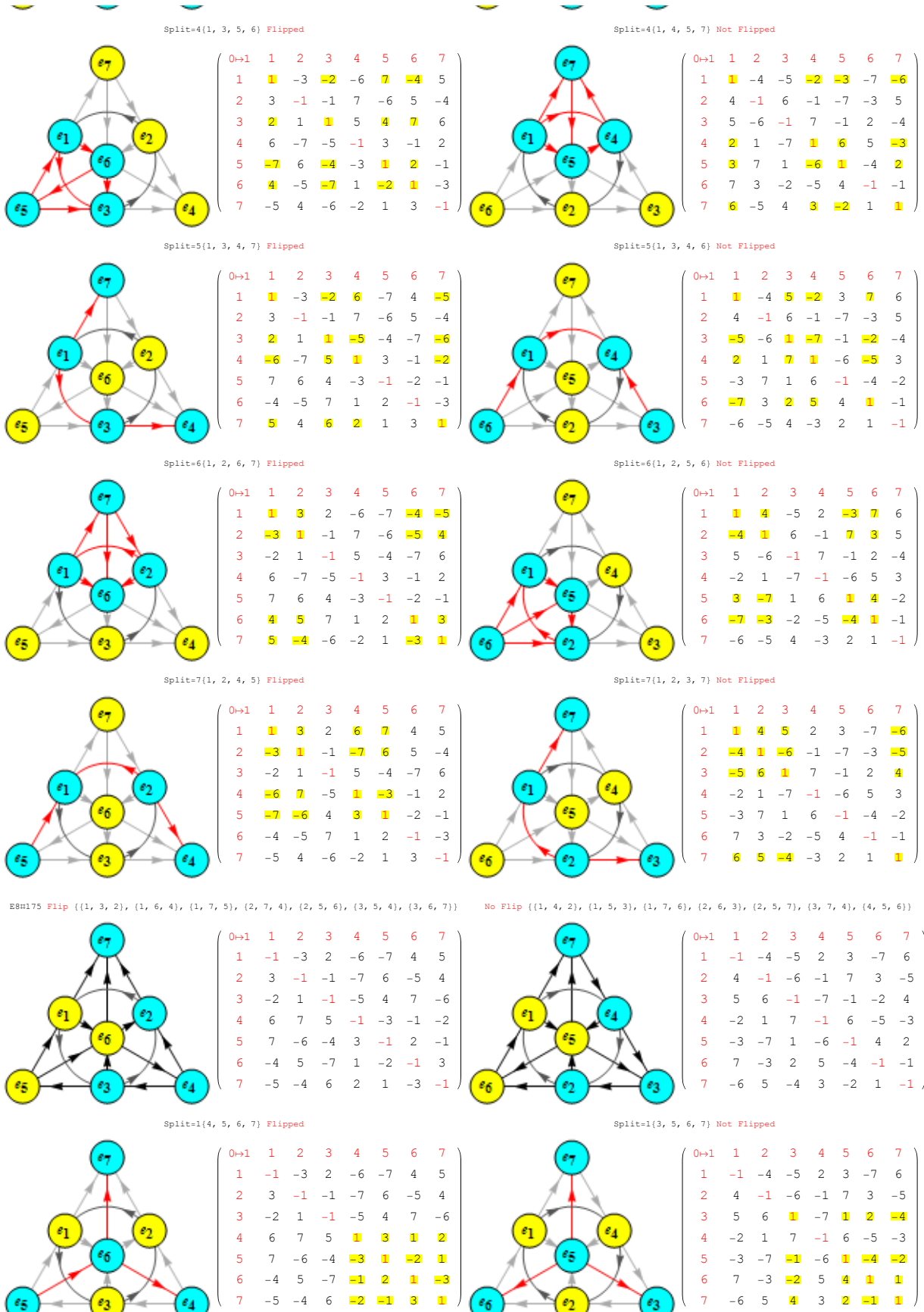


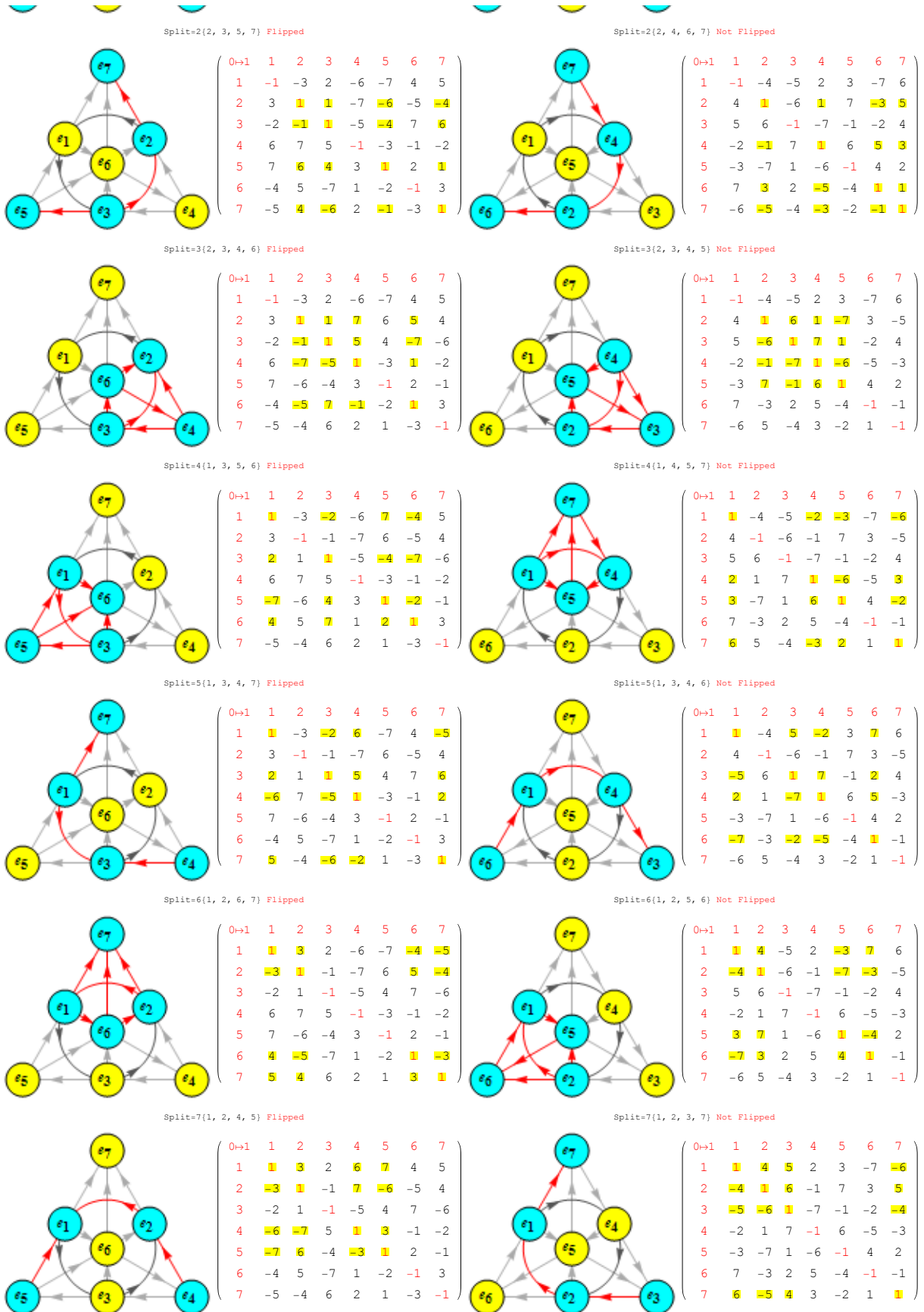
0→1	1	2	3	4	5	6	7
1	<b>1</b>	3	<b>2</b>	<b>-6</b>	-7	-4	<b>-5</b>
2	-3	-1	1	-7	-6	5	4
3	<b>-2</b>	-1	<b>1</b>	<b>-5</b>	-4	7	<b>6</b>
4	<b>6</b>	7	<b>5</b>	<b>1</b>	3	1	<b>2</b>
5	7	6	4	-3	-1	-2	-1
6	4	-5	-7	-1	2	-1	3
7	<b>5</b>	-4	<b>-6</b>	<b>-2</b>	1	-3	<b>1</b>



0→1	1	2	3	4	5	6	7
1	<b>1</b>	4	<b>-5</b>	<b>2</b>	-3	<b>7</b>	6
2	-4	-1	-6	1	-7	3	5
3	<b>5</b>	6	<b>-1</b>	<b>-7</b>	1	<b>2</b>	-4
4	<b>-2</b>	-1	<b>7</b>	<b>1</b>	6	<b>5</b>	3
5	3	7	-1	-6	-1	4	-2
6	<b>-7</b>	-3	<b>-2</b>	<b>-5</b>	-4	<b>1</b>	-1
7	-6	-5	4	-3	2	1	-1



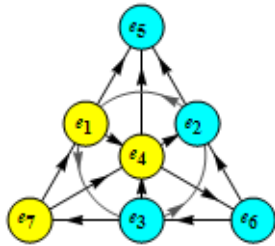






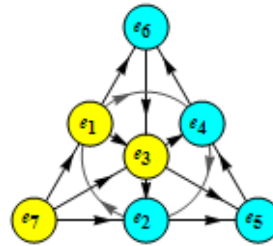
BBn64 Flip  $\{(1, 3, 2), (1, 4, 6), (1, 5, 7), (2, 7, 4), (2, 5, 6), (3, 4, 5), (3, 7, 6)\}$

No Flip  $\{(1, 4, 2), (1, 3, 5), (1, 6, 7), (2, 6, 3), (2, 5, 7), (3, 4, 7), (4, 6, 5)\}$



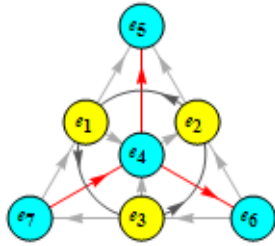
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	7	-4	-5
2	3	-1	-1	-7	6	-5	4
3	-2	1	-1	5	-4	-7	6
4	-6	7	-5	-1	3	1	-2
5	-7	-6	4	-3	-1	2	1
6	4	5	7	-1	-2	-1	-3
7	5	-4	-6	2	-1	3	-1

Split=1(4, 5, 6, 7) Flipped



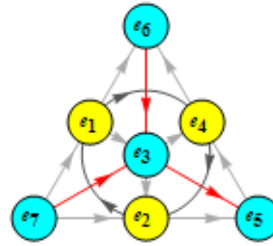
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-6	-1	7	3	-5
3	-5	6	-1	7	1	-2	-4
4	-2	1	-7	-1	-6	5	3
5	3	-7	-1	6	-1	-4	2
6	-7	-3	2	-5	4	-1	1
7	6	5	4	-3	-2	-1	-1

Split=1(3, 5, 6, 7) Not Flipped



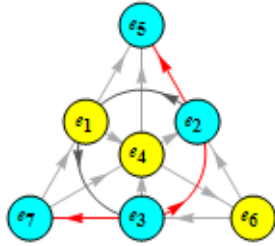
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	7	-4	-5
2	3	-1	-1	-7	6	-5	4
3	-2	1	-1	5	-4	-7	6
4	-6	7	-5	1	-3	-1	2
5	-7	-6	4	3	1	-2	-1
6	4	5	7	1	2	3	3
7	5	-4	-6	-2	1	-3	1

Split=2(2, 3, 5, 7) Flipped



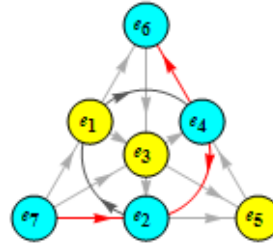
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-6	-1	7	3	-5
3	-5	6	1	7	-1	2	4
4	-2	1	-7	-1	-6	5	3
5	3	-7	1	6	1	4	-2
6	-7	-3	-2	-5	-4	1	-1
7	6	5	-4	-3	2	1	1

Split=2(2, 4, 6, 7) Not Flipped



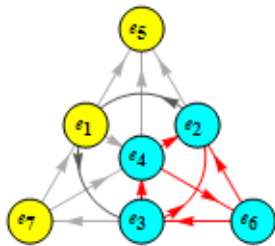
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	7	-4	-5
2	3	1	1	-7	-6	-5	-4
3	-2	-1	1	5	4	-7	-6
4	-6	7	-5	-1	3	1	-2
5	-7	6	-4	-3	1	2	-1
6	4	5	7	-1	-2	-1	-3
7	5	4	6	2	1	3	1

Split=3(2, 3, 4, 6) Flipped



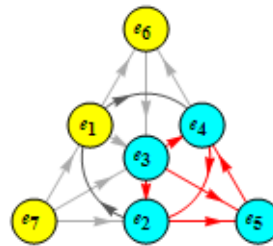
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	1	-6	1	7	-3	5
3	-5	6	-1	7	1	-2	-4
4	-2	-1	-7	1	-6	-5	3
5	3	-7	-1	6	-1	-4	2
6	-7	3	2	5	4	1	-1
7	6	-5	4	3	-2	1	1

Split=3(2, 3, 4, 5) Not Flipped



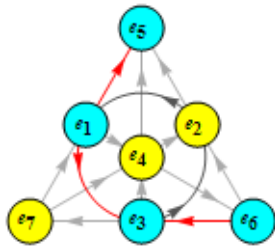
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	7	-4	-5
2	3	1	1	7	6	5	4
3	-2	-1	1	5	-4	7	6
4	-6	-7	5	1	3	-1	-2
5	-7	-6	4	-3	-1	2	1
6	4	-5	-7	1	-2	1	-3
7	5	-4	-6	2	-1	3	-1

Split=4(1, 3, 5, 6) Flipped



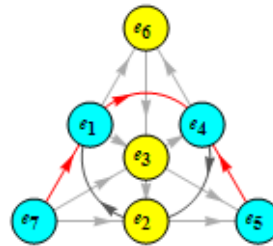
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	1	6	1	-7	3	-5
3	-5	6	1	-7	1	-2	-4
4	-2	-1	7	1	6	5	3
5	3	7	1	-6	1	-4	2
6	-7	-3	2	-5	4	-1	1
7	6	5	4	-3	-2	-1	-1

Split=4(1, 4, 5, 7) Not Flipped



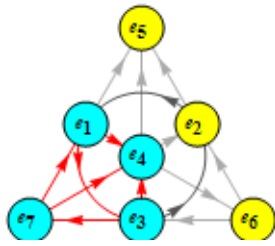
0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	-7	4	-5
2	3	-1	-1	-7	6	-5	4
3	2	1	1	5	4	7	6
4	-6	7	-5	-1	3	1	-2
5	7	-6	-4	-3	1	-2	1
6	-4	5	-7	-1	2	1	-3
7	5	-4	-6	2	-1	3	-1

Split=5(1, 3, 4, 7) Flipped

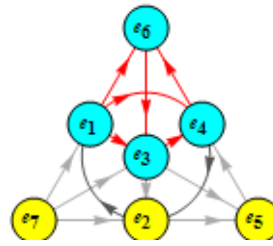


0→1	1	2	3	4	5	6	7
1	1	-4	5	-2	3	7	6
2	4	-1	-6	-1	7	3	-5
3	-5	6	-1	7	1	-2	-4
4	2	1	-7	1	6	5	-3
5	-3	-7	-1	-6	1	-4	-2
6	-7	-3	2	-5	4	-1	1
7	-6	5	4	3	2	-1	1

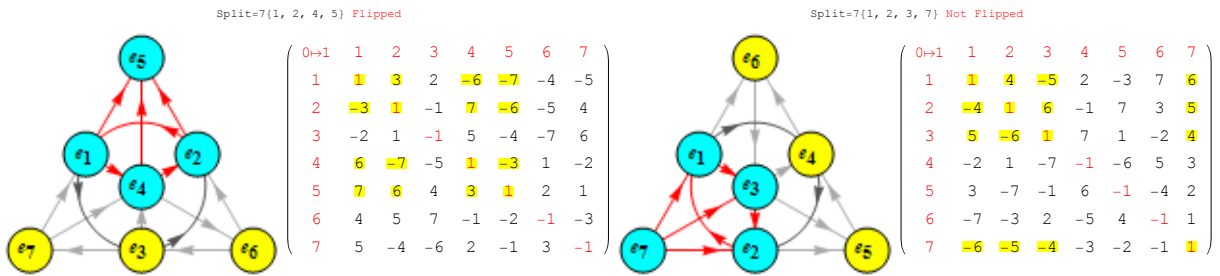
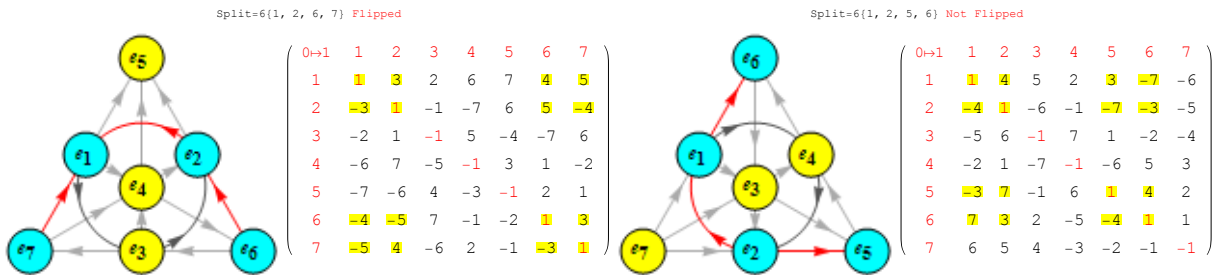
Split=5(1, 3, 4, 6) Not Flipped



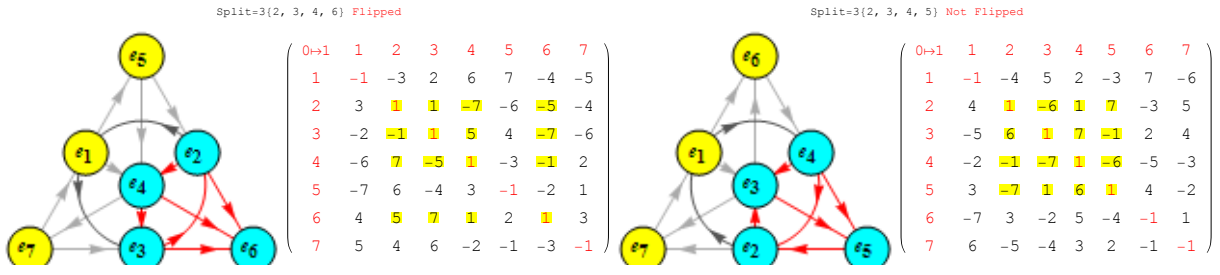
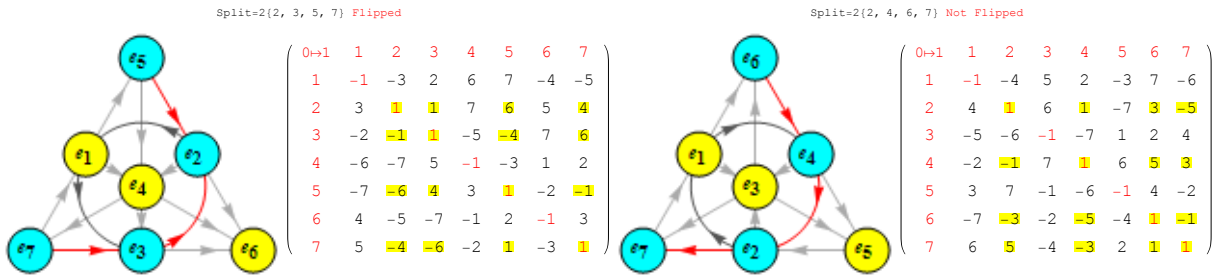
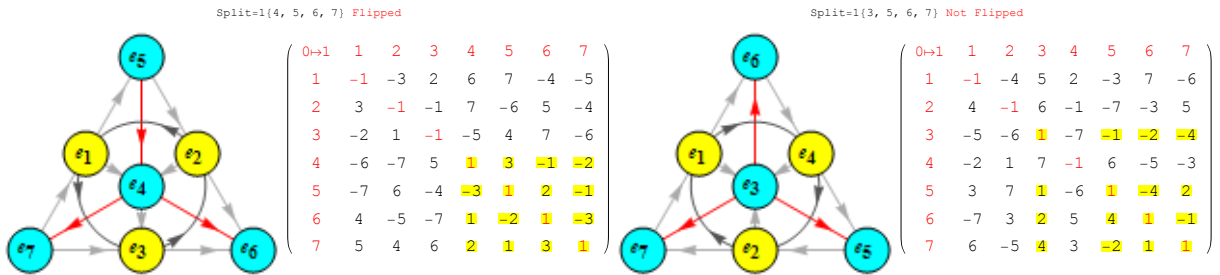
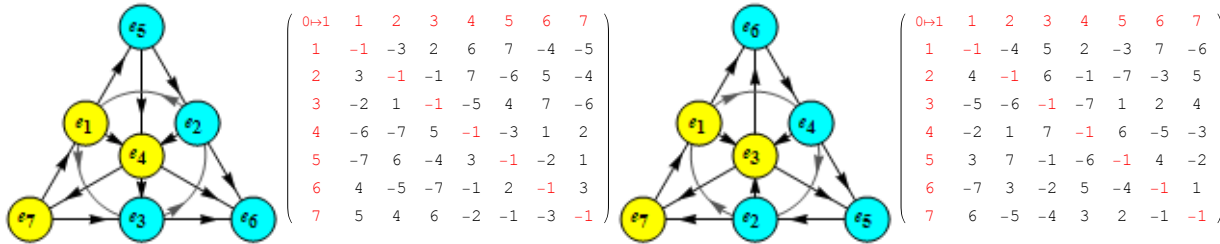
0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	7	-4	5
2	3	-1	-1	-7	6	-5	4
3	2	1	1	5	-4	-7	-6
4	6	7	5	1	3	1	2
5	-7	-6	4	-3	-1	2	1
6	4	5	7	-1	-2	-1	-3
7	-5	-4	6	-2	-1	3	1

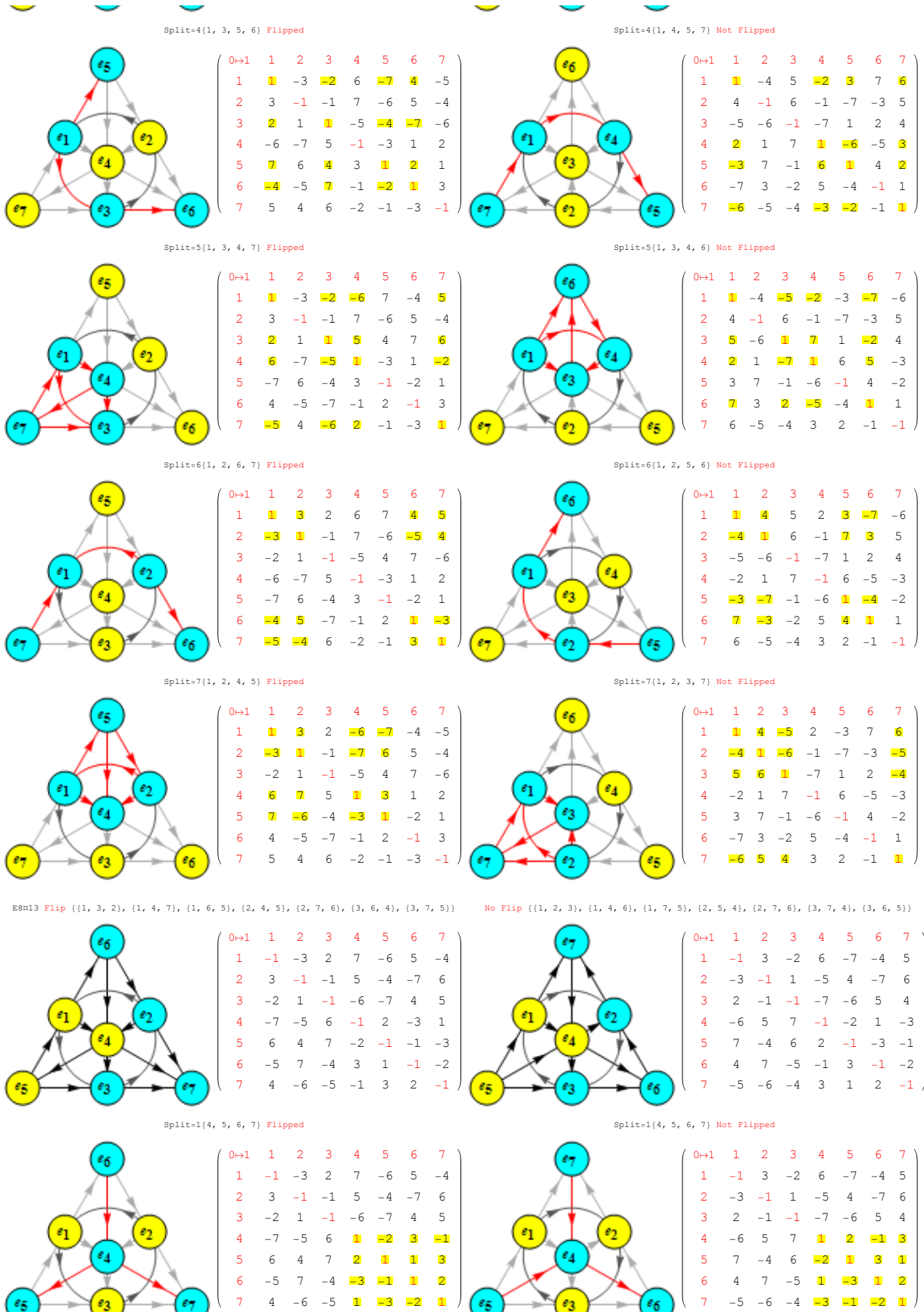


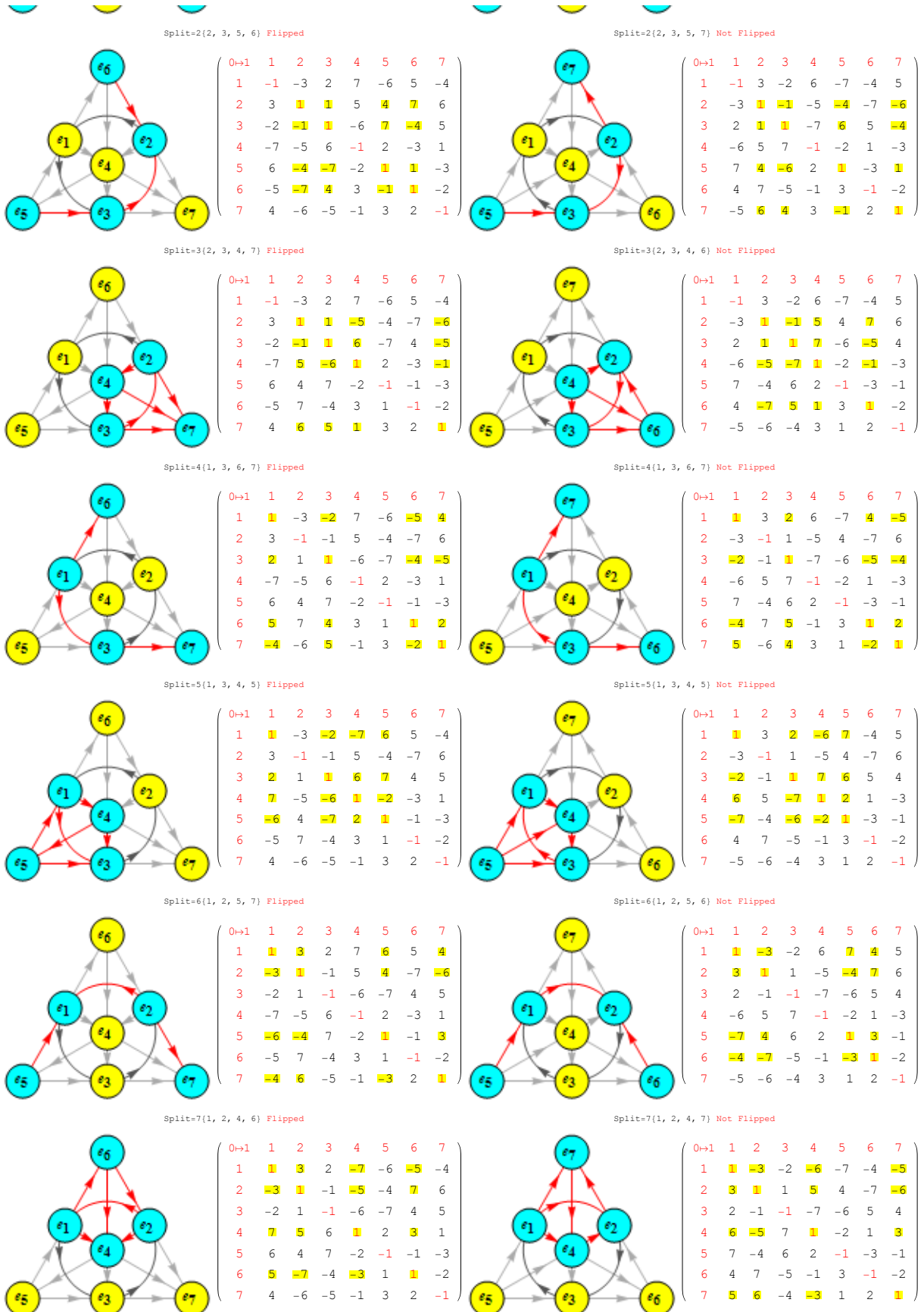
0→1	1	2	3	4	5	6	7
1	1	-4	-5	-2	-3	-7	-6
2	4	-1	-6	-1	7	3	-5
3	5	6	1	-7	1	2	-4
4	2	1	7	1	-6	-5	3
5	3	-7	-1	6	-1	-4	2
6	7	-3	-2	5	4	1	1
7	6	5	4	-3	-2	-1	-1



BB90 Flip {(1, 3, 2), (1, 4, 6), (1, 5, 7), (2, 4, 7), (2, 6, 5), (3, 5, 4), (3, 6, 7)}

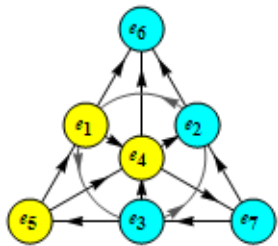






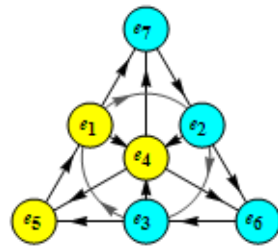
EBH148 Flip  $\{(1, 3, 2), (1, 4, 7), (1, 6, 5), (2, 5, 4), (2, 6, 7), (3, 4, 6), (3, 5, 7)\}$

No Flip  $\{(1, 2, 3), (1, 4, 6), (1, 7, 5), (2, 4, 5), (2, 6, 7), (3, 4, 7), (3, 5, 6)\}$



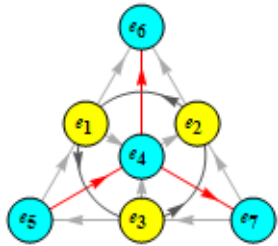
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	-1	-1	-5	4	7	-6
3	-2	1	-1	6	7	-4	-5
4	-7	5	-6	-1	-2	3	1
5	6	-4	-7	2	-1	-1	3
6	-5	-7	4	-3	1	-1	2
7	4	6	5	-1	-3	-2	-1

Split=1(4, 5, 6, 7) Flipped



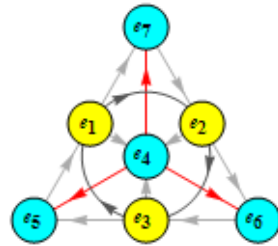
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	-1	1	5	-4	7	-6
3	2	-1	-1	7	6	-5	-4
4	-6	-5	-7	-1	2	1	3
5	7	4	-6	-2	-1	3	-1
6	4	-7	5	-1	-3	-1	2
7	-5	6	4	-3	1	-2	-1

Split=1(4, 5, 6, 7) Not Flipped



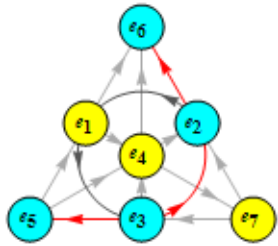
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	-1	-1	-5	4	7	-6
3	-2	1	-1	6	7	-4	-5
4	-7	5	-6	1	2	3	1
5	6	-4	-7	2	1	1	3
6	-5	-7	4	3	-1	1	-2
7	4	6	5	1	3	2	1

Split=2(2, 3, 5, 6) Flipped



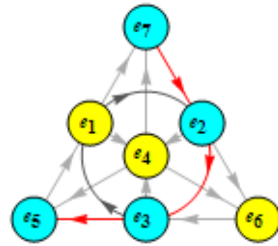
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	-1	1	5	-4	7	-6
3	2	-1	-1	7	6	-5	-4
4	-6	-5	-7	1	2	1	3
5	7	4	-6	2	1	-3	1
6	4	-7	5	1	3	1	-2
7	-5	6	4	3	-1	2	1

Split=2(2, 3, 5, 7) Not Flipped



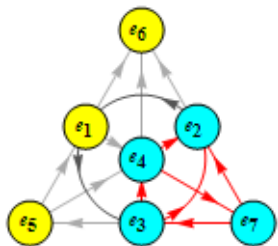
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	1	1	-5	-4	-7	-6
3	-2	1	1	6	-7	4	-5
4	-7	5	-6	-1	-2	3	1
5	6	4	7	2	1	1	3
6	-5	7	-4	-3	-1	1	2
7	4	6	5	-1	-3	-2	-1

Split=3(2, 3, 4, 7) Flipped



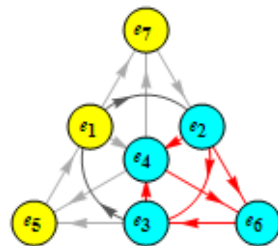
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	1	-1	5	4	7	6
3	2	1	1	7	6	-5	4
4	-6	-5	-7	-1	2	1	3
5	7	-4	6	-2	1	3	1
6	4	-7	5	-1	-3	-1	2
7	-5	6	4	-3	-1	-2	1

Split=3(2, 3, 4, 6) Not Flipped



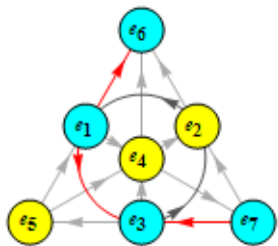
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	1	1	5	4	7	6
3	-2	1	1	6	7	-4	5
4	-7	-5	6	1	-2	3	1
5	6	-4	-7	2	-1	-1	3
6	-5	-7	4	-3	1	-1	2
7	4	-6	-5	1	-3	-2	1

Split=4(1, 3, 6, 7) Flipped



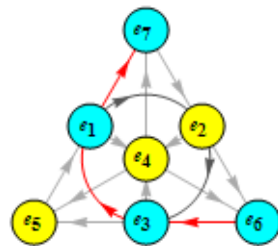
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	-7	-4	5
2	-3	1	-1	5	-4	7	-6
3	2	1	1	7	6	-5	-4
4	-6	-5	-7	1	2	-1	3
5	7	4	-6	-2	-1	3	-1
6	4	-7	-5	1	-3	1	2
7	-5	6	4	-3	1	-2	-1

Split=4(1, 3, 6, 7) Not Flipped



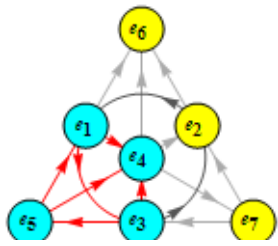
0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	-6	-5	4
2	3	-1	-1	-5	4	7	-6
3	2	1	1	6	7	4	5
4	-7	5	-6	-1	-2	3	1
5	6	-4	-7	2	-1	-1	3
6	-5	-7	-4	-3	1	1	-2
7	-4	6	-5	-1	-3	2	1

Split=5(1, 3, 4, 5) Flipped

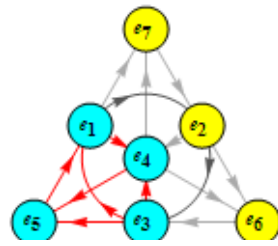


0→1	1	2	3	4	5	6	7
1	1	3	2	6	-7	4	-5
2	-3	-1	1	5	-4	7	-6
3	-2	-1	1	7	6	5	4
4	-6	-5	-7	-1	2	1	3
5	7	4	-6	-2	-1	3	-1
6	-4	-7	-5	-1	-3	1	-2
7	5	6	-4	-3	1	2	1

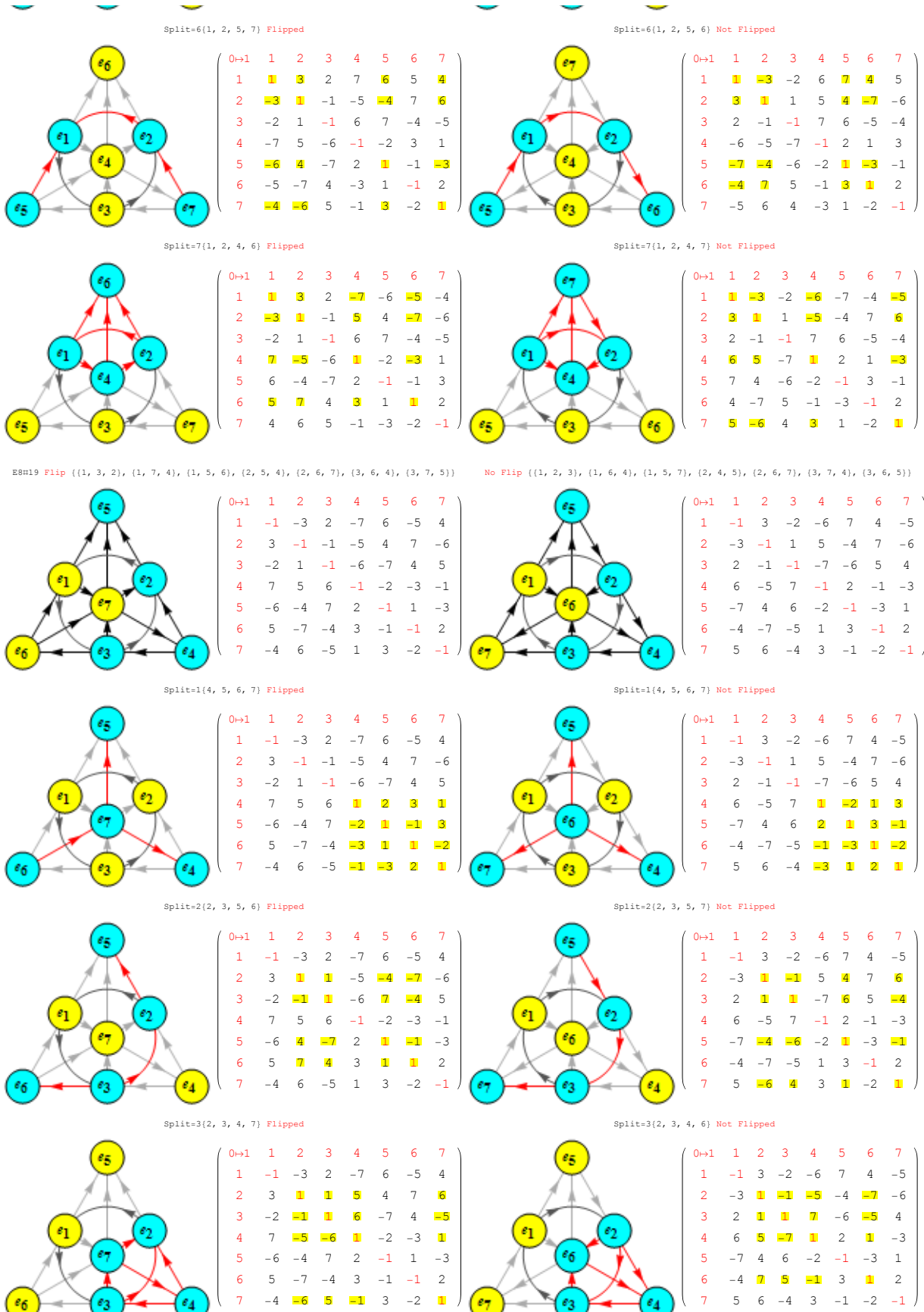
Split=5(1, 3, 4, 5) Not Flipped

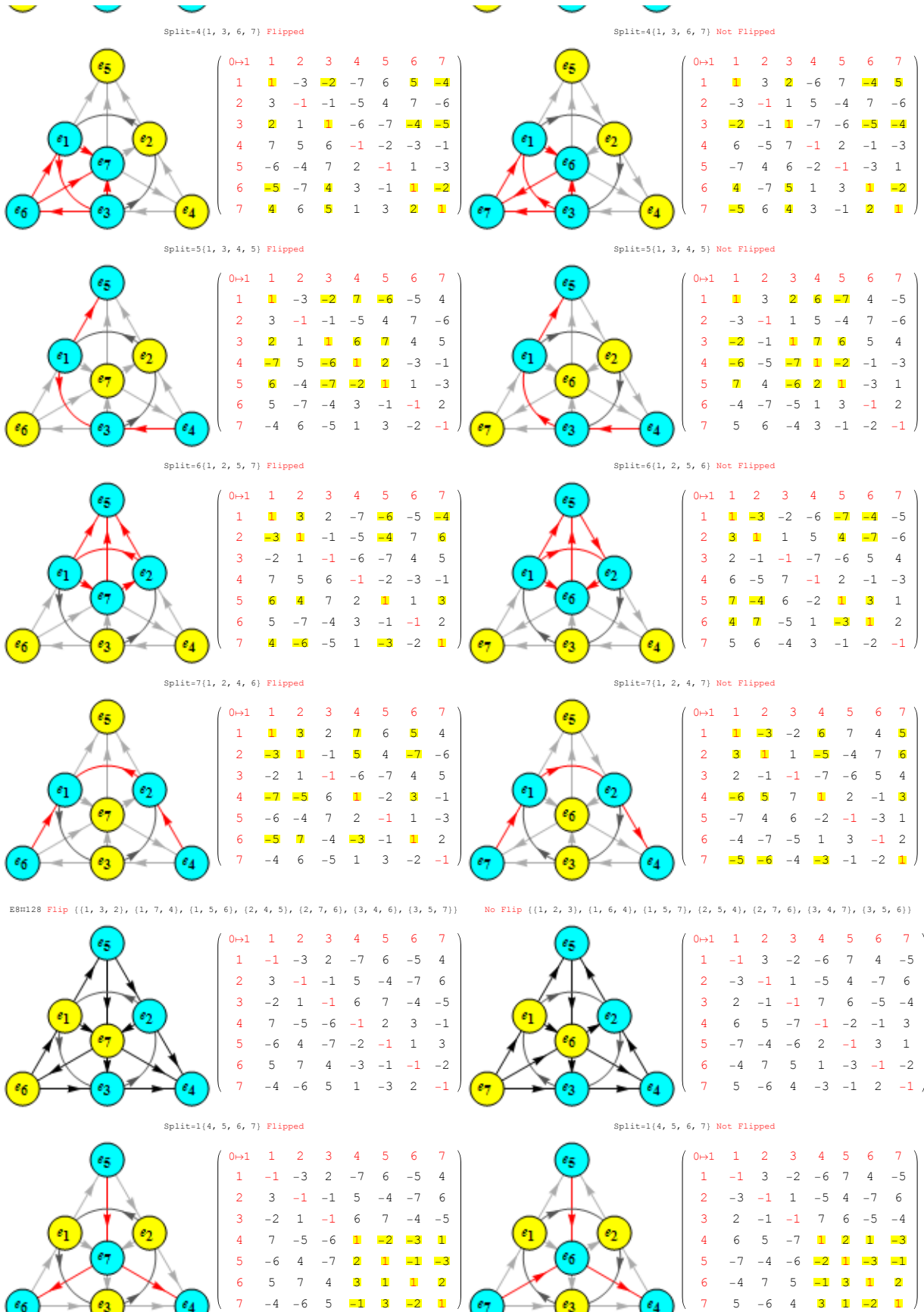


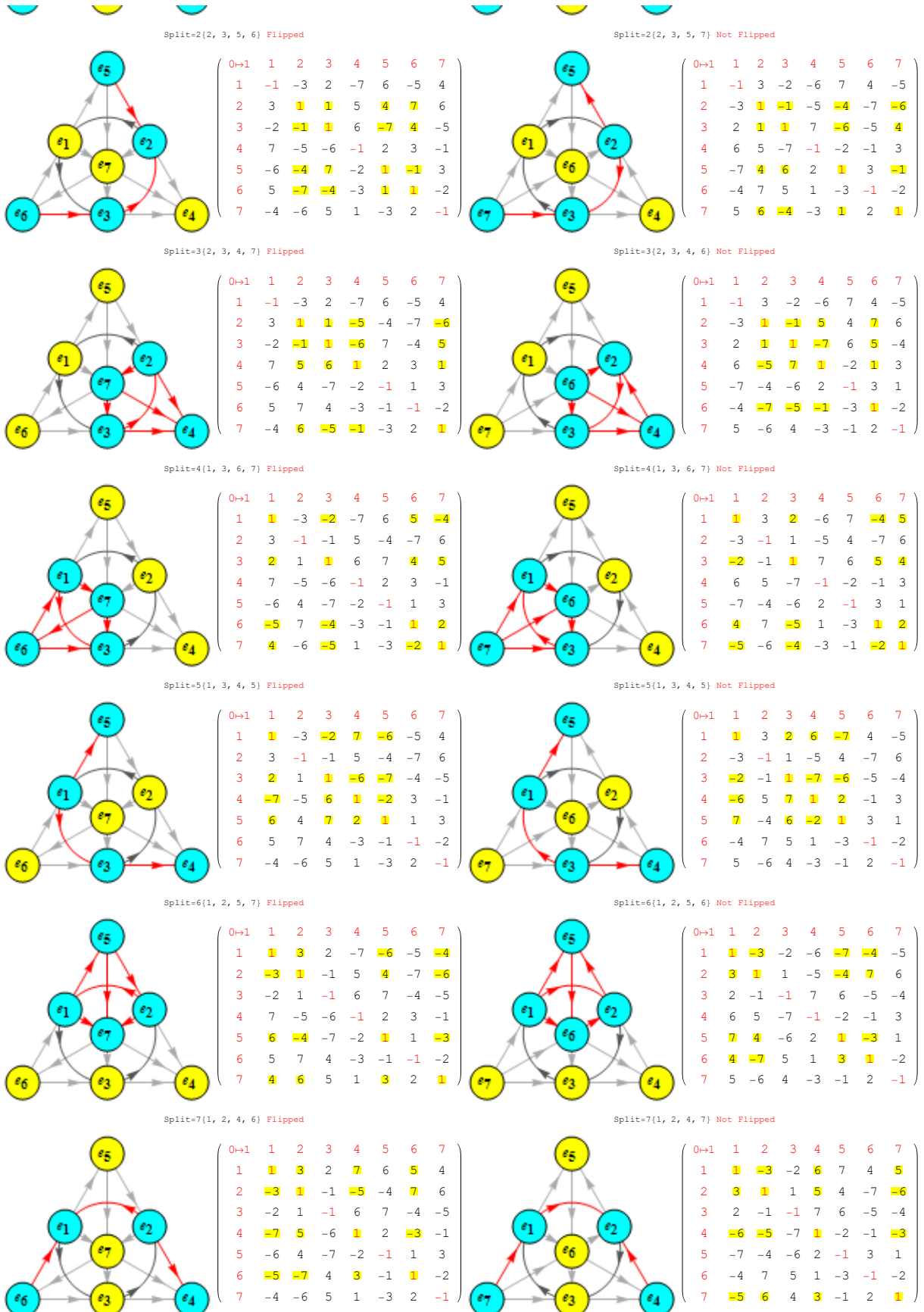
0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	6	5	-4
2	3	-1	-1	-5	4	7	-6
3	2	1	1	6	-7	-4	-5
4	7	5	6	1	2	3	1
5	-6	-4	7	-2	1	-1	3
6	-5	-7	4	-3	1	-1	2
7	4	6	5	-1	-3	-2	-1



0→1	1	2	3	4	5	6	7
1	1	3	2	6	7	-4	5
2	-3	-1	1	5	-4	7	-6
3	-2	-1	1	7	6	-5	-4
4	6	-5	7	1	2	1	3
5	-7	4	6	2	1	3	-1
6	4	-7	5	-1	-3	-1	2
7	-5	6	4	-3	1	-2	-1



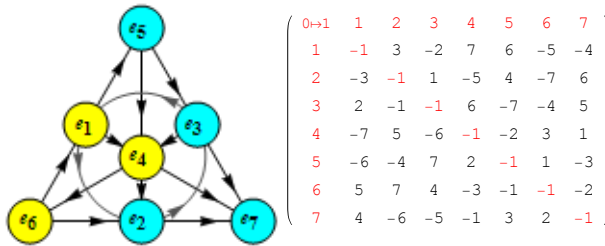




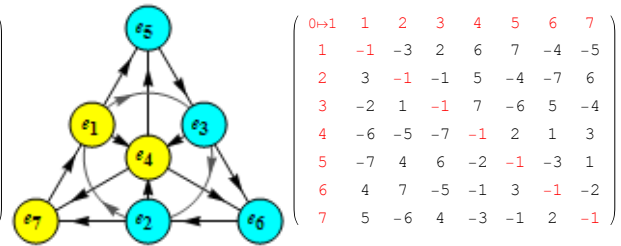


EB#24 Flip  $\{(1, 2, 3), (1, 4, 7), (1, 5, 6), (2, 5, 4), (2, 7, 6), (3, 4, 6), (3, 7, 5)\}$

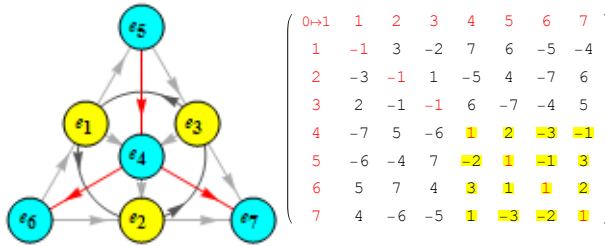
No Flip  $\{(1, 3, 2), (1, 4, 6), (1, 5, 7), (2, 4, 5), (2, 7, 6), (3, 4, 7), (3, 6, 5)\}$



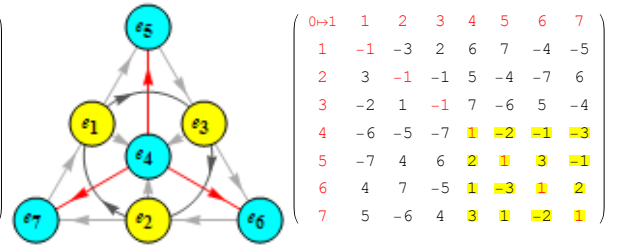
Split=1(4, 5, 6, 7) Flipped



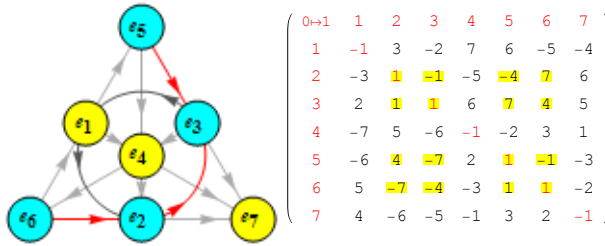
Split=1(4, 5, 6, 7) Not Flipped



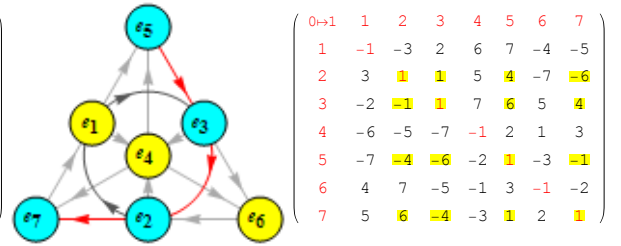
Split=2(2, 3, 5, 6) Flipped



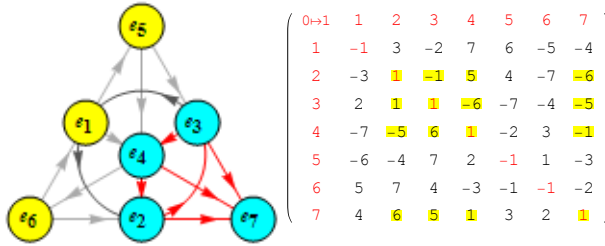
Split=2(2, 3, 5, 7) Not Flipped



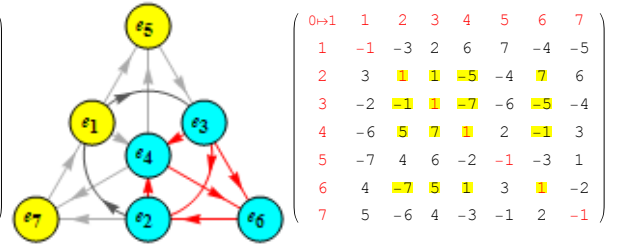
Split=3(2, 3, 4, 7) Flipped



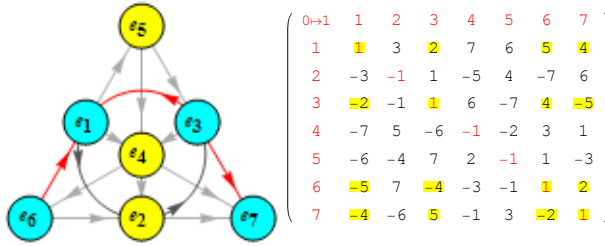
Split=3(2, 3, 4, 6) Not Flipped



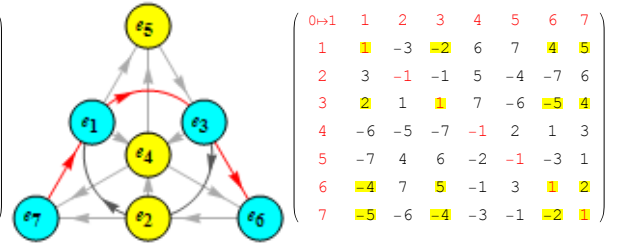
Split=4(1, 3, 6, 7) Flipped



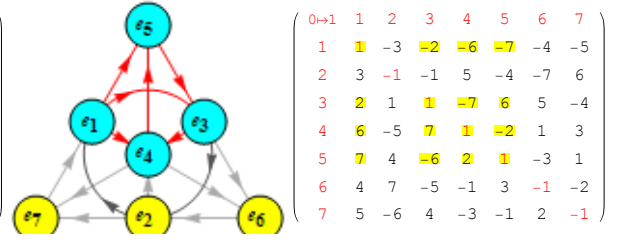
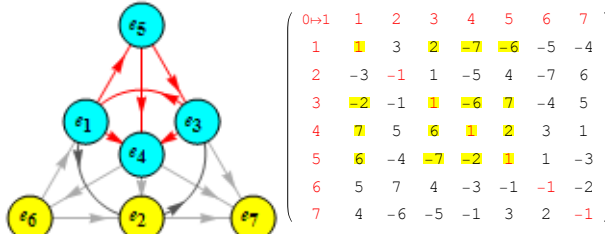
Split=4(1, 3, 6, 7) Not Flipped

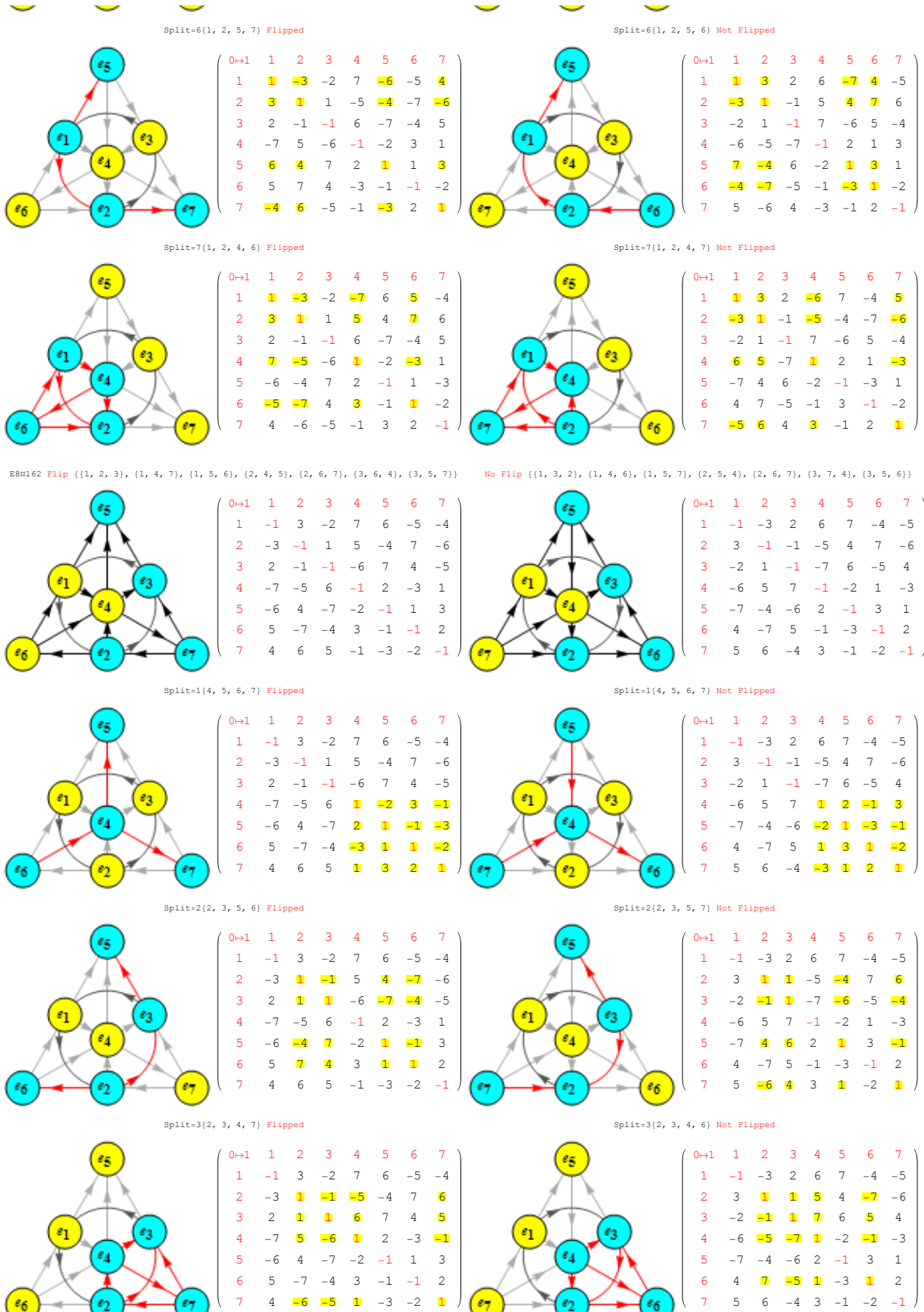


Split=5(1, 3, 4, 5) Flipped

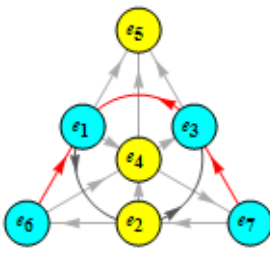


Split=5(1, 3, 4, 5) Not Flipped



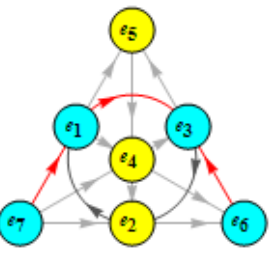


Split=4(1, 3, 6, 7) Flipped



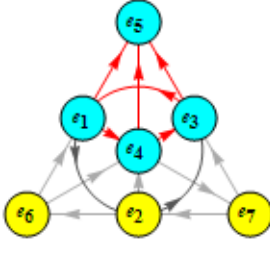
0→1	1	2	3	4	5	6	7
1	1	3	2	7	6	5	4
2	-3	-1	1	5	-4	7	-6
3	-2	-1	1	-6	7	-4	5
4	-7	-5	6	-1	2	-3	1
5	-6	4	-7	-2	-1	1	3
6	-5	-7	4	3	-1	1	-2
7	-4	6	-5	-1	-3	2	1

Split=4(1, 3, 6, 7) Not Flipped



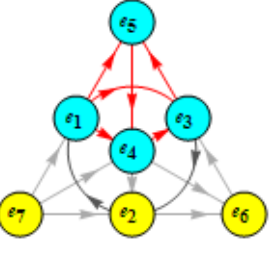
0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	7	4	5
2	3	-1	-1	-5	4	7	-6
3	2	1	1	-7	6	5	-4
4	-6	5	7	-1	-2	1	-3
5	-7	-4	-6	2	-1	3	1
6	-4	-7	-5	-1	-3	1	-2
7	-5	6	4	3	-1	2	1

Split=5(1, 3, 4, 5) Flipped



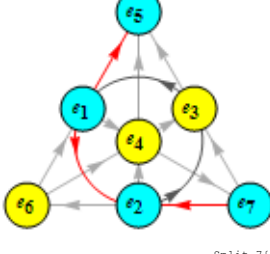
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	-6	-5	-4
2	-3	-1	1	5	-4	7	-6
3	-2	-1	1	6	-7	4	-5
4	7	-5	-6	1	-2	-3	1
5	6	4	7	2	1	1	3
6	5	-7	-4	3	-1	-1	2
7	4	6	5	-1	-3	-2	-1

Split=5(1, 3, 4, 5) Not Flipped



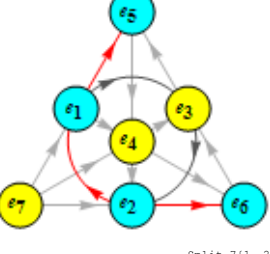
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-6	-7	-4	-5
2	3	-1	-1	-5	4	7	-6
3	2	1	1	7	-6	-5	4
4	6	5	-7	1	2	1	-3
5	7	-4	6	-2	1	3	1
6	4	-7	5	-1	-3	-1	2
7	5	6	-4	3	-1	-2	-1

Split=6(1, 2, 5, 7) Flipped



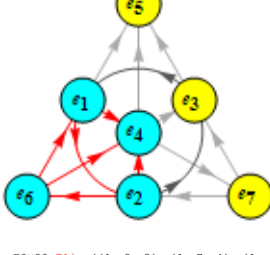
0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	-6	-5	4
2	3	1	1	5	4	7	6
3	2	-1	-1	-6	7	4	-5
4	-7	-5	6	-1	2	-3	1
5	6	-4	-7	-2	1	1	-3
6	5	-7	-4	3	-1	-1	2
7	-4	-6	5	-1	3	-2	1

Split=6(1, 2, 5, 7) Not Flipped



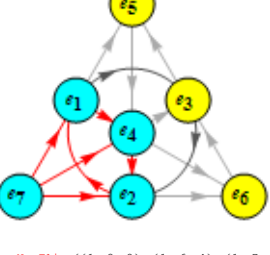
0→1	1	2	3	4	5	6	7
1	1	3	2	6	-7	4	-5
2	-3	1	-1	-5	-4	-7	-6
3	-2	1	-1	-7	6	-5	4
4	-6	5	7	-1	-2	1	-3
5	7	4	-6	2	1	-3	1
6	-4	7	5	-1	3	1	2
7	5	6	-4	3	-1	-2	-1

Split=7(1, 2, 4, 6) Flipped



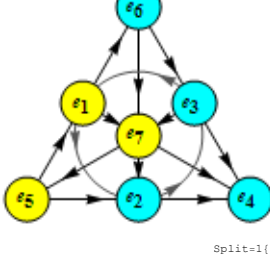
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	6	5	-4
2	3	1	1	-5	-4	-7	-6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	1	2	3	1
5	-6	4	-7	-2	-1	1	3
6	-5	7	-4	-3	-1	1	2
7	4	6	5	-1	-3	-2	-1

Split=7(1, 2, 4, 6) Not Flipped



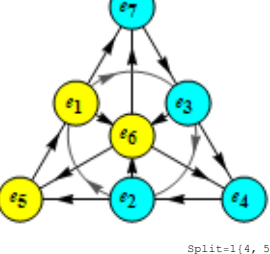
0→1	1	2	3	4	5	6	7
1	1	3	2	-6	7	-4	5
2	-3	1	-1	5	4	7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	1	-2	1	3
5	-7	-4	-6	2	-1	3	1
6	4	-7	5	-1	-3	-1	2
7	-5	-6	-4	-3	-1	-2	1

EBH28 Flip {(1, 2, 3), (1, 7, 4), (1, 6, 5), (2, 4, 5), (2, 6, 7), (3, 4, 6), (3, 7, 5)}



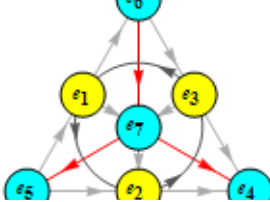
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	5	-4	7	-6
3	2	-1	-1	6	-7	-4	5
4	7	-5	-6	-1	2	3	-1
5	6	4	7	-2	1	-1	-3
6	-5	-7	4	-3	1	-1	2
7	-4	6	-5	1	3	-2	-1

No Flip {(1, 3, 2), (1, 6, 4), (1, 7, 5), (2, 5, 4), (2, 6, 7), (3, 4, 7), (3, 6, 5)}



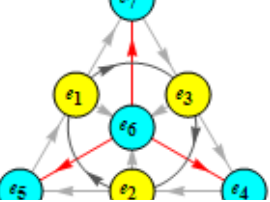
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	-5	4	7	-6
3	-2	1	-1	7	-6	5	-4
4	6	5	-7	-1	-2	-1	3
5	7	-4	6	2	1	-3	-1
6	-4	-7	-5	1	3	-1	2
7	-5	6	4	-3	1	-2	-1

Split=1(4, 5, 6, 7) Flipped

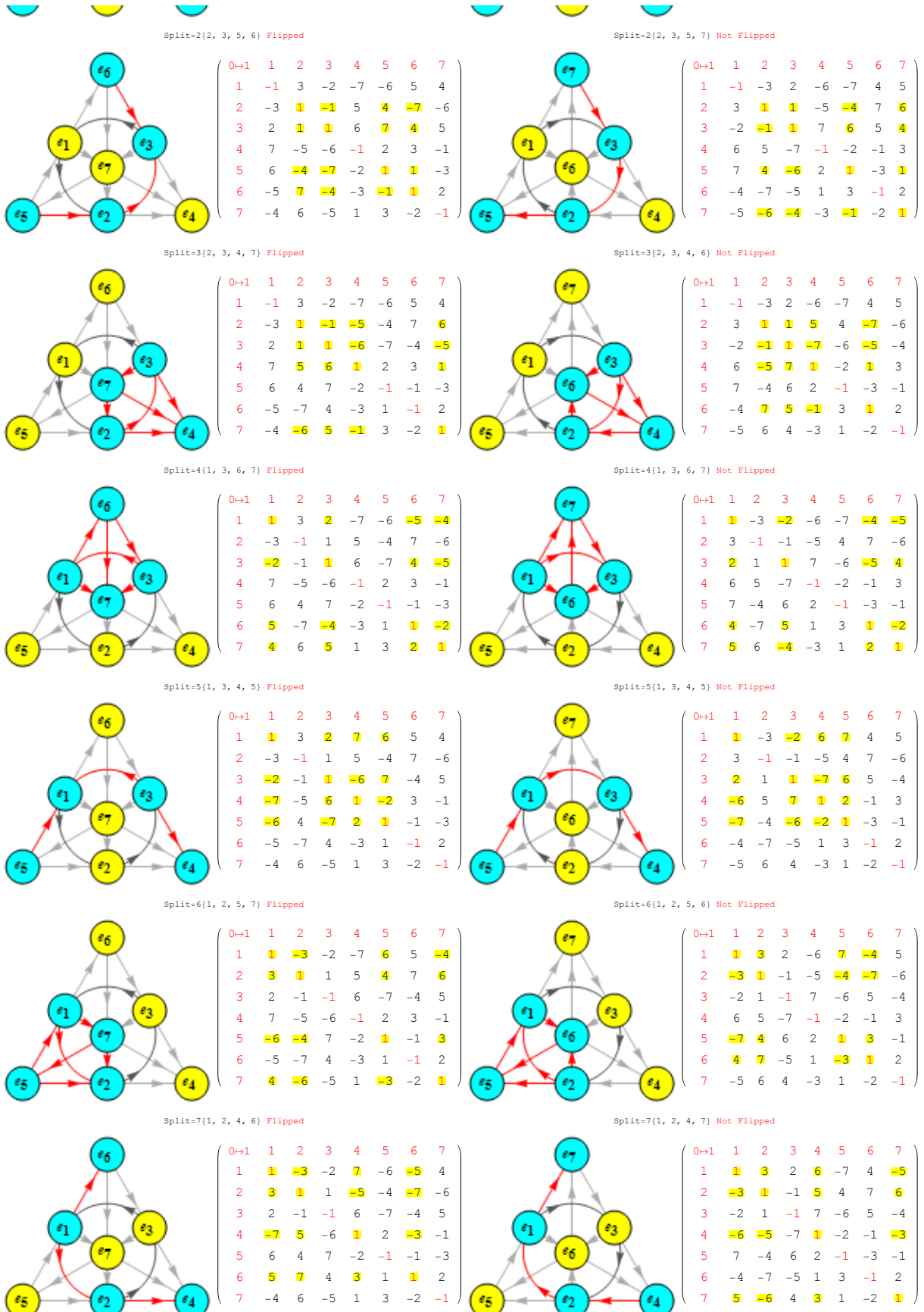


0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	5	-4	7	-6
3	2	-1	-1	6	-7	-4	5
4	7	-5	-6	1	-2	3	1
5	6	4	7	2	1	1	3
6	-5	-7	4	3	-1	1	-2
7	-4	6	-5	-1	-3	2	1

Split=1(4, 5, 6, 7) Not Flipped

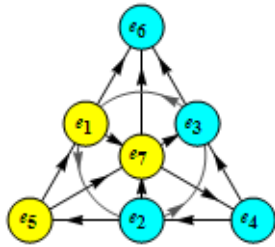


0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	-5	4	7	-6
3	-2	1	-1	7	-6	5	-4
4	6	5	-7	1	2	1	-3
5	7	-4	6	-2	1	3	1
6	-4	-7	-5	-1	-3	1	-2
7	-5	6	4	3	-1	2	1



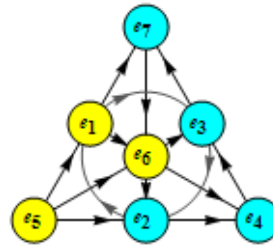
EBH158 Flip  $\{(1, 2, 3), (1, 7, 4), (1, 6, 5), (2, 5, 4), (2, 7, 6), (3, 6, 4), (3, 5, 7)\}$

No Flip  $\{(1, 3, 2), (1, 6, 4), (1, 7, 5), (2, 4, 5), (2, 7, 6), (3, 7, 4), (3, 5, 6)\}$



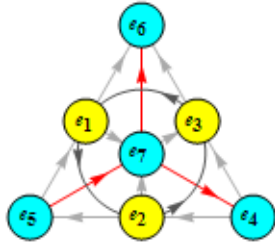
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1

Split=1(4, 5, 6, 7) Flipped



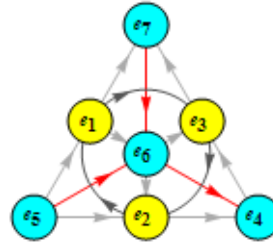
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=1(4, 5, 6, 7) Not Flipped



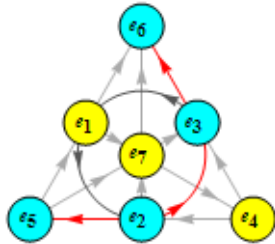
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1

Split=2(2, 3, 5, 6) Flipped



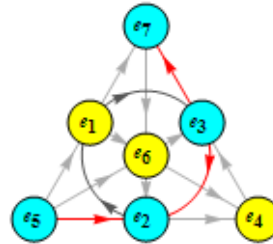
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=2(2, 3, 5, 7) Not Flipped



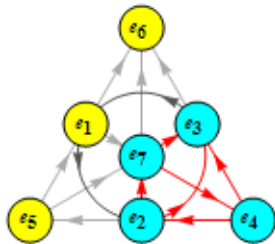
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1

Split=3(2, 3, 4, 7) Flipped



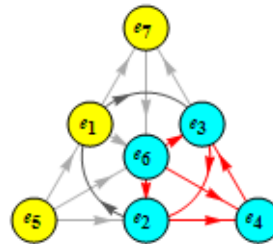
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=3(2, 3, 4, 6) Not Flipped



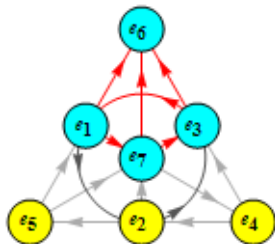
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1

Split=4(1, 3, 6, 7) Flipped



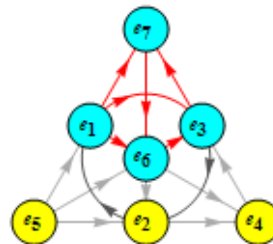
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=4(1, 3, 6, 7) Not Flipped



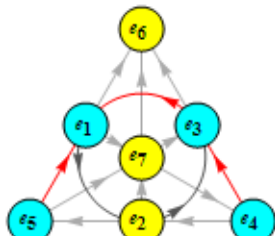
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1

Split=5(1, 3, 4, 5) Flipped

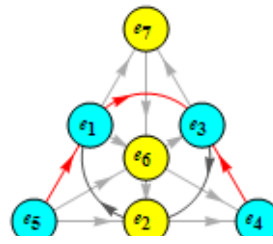


0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1

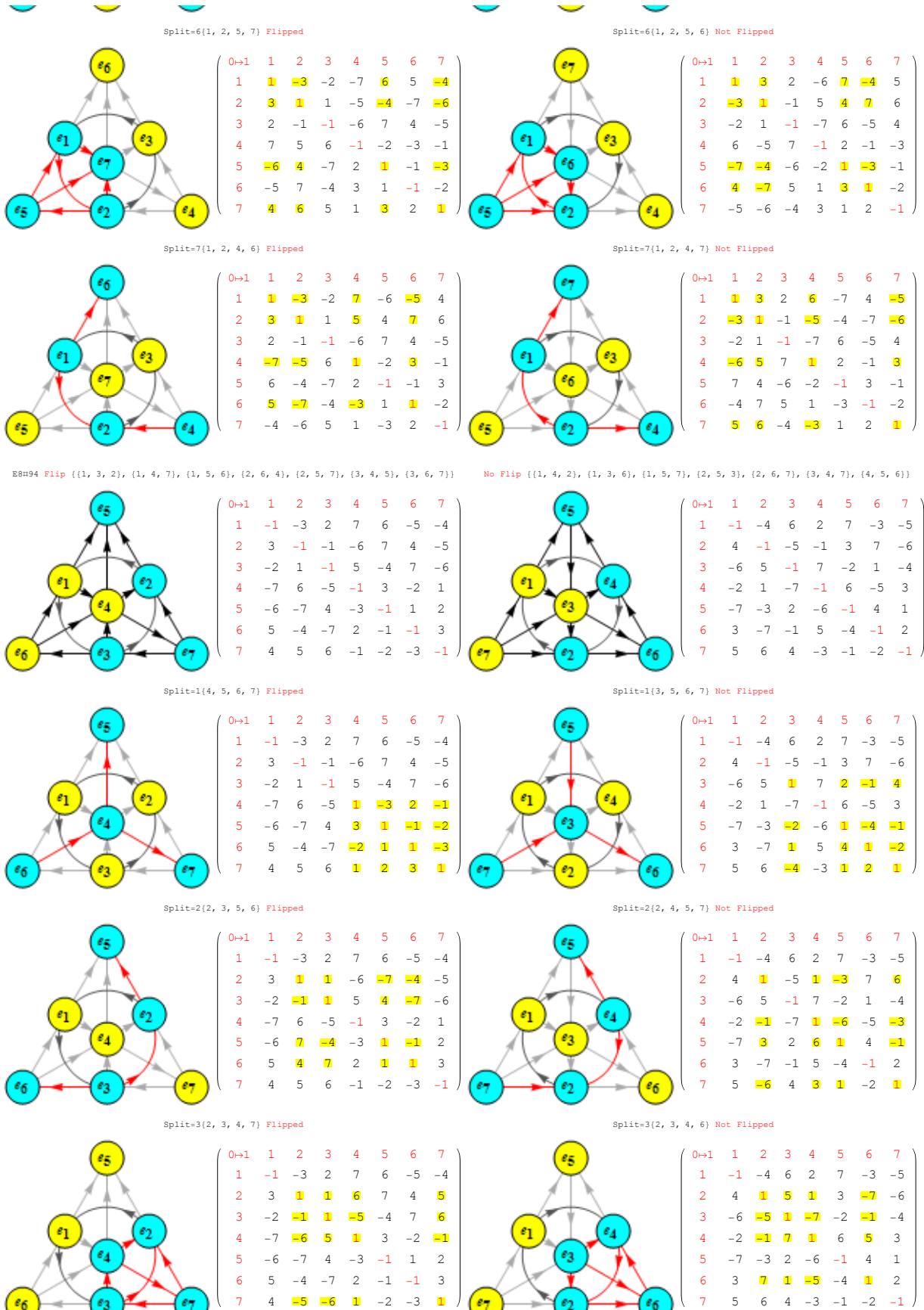
Split=5(1, 3, 4, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	-1	1	-5	4	-7	6
3	2	-1	-1	-6	7	4	-5
4	7	5	6	-1	-2	-3	-1
5	6	-4	-7	2	-1	-1	3
6	-5	7	-4	3	1	-1	-2
7	-4	-6	5	1	-3	2	-1



0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	-7	4	5
2	3	-1	-1	5	-4	-7	6
3	-2	1	-1	-7	6	-5	4
4	6	-5	7	-1	2	-1	-3
5	7	4	-6	-2	-1	3	-1
6	-4	7	5	1	-3	-1	-2
7	-5	-6	-4	3	1	2	-1



Split=4(1, 3, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	-6	-5	4
2	3	-1	-1	-6	7	4	-5
3	2	1	1	5	4	7	6
4	-7	6	-5	-1	3	-2	1
5	6	-7	-4	-3	1	1	-2
6	5	-4	-7	2	-1	-1	3
7	-4	5	-6	-1	2	-3	1

Split=4(1, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	7	3	5
2	4	-1	-5	-1	3	7	-6
3	-6	5	-1	7	-2	1	-4
4	2	1	-7	1	6	5	-3
5	-7	-3	2	-6	-1	4	1
6	-3	-7	-1	-5	-4	1	-2
7	-5	6	4	3	-1	2	1

Split=5(1, 3, 4, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	6	5	-4
2	3	-1	-1	-6	7	4	-5
3	2	1	1	5	-4	7	-6
4	7	6	5	1	3	2	1
5	-6	-7	4	-3	-1	1	2
6	-5	-4	7	-2	-1	1	3
7	4	5	6	-1	-2	-3	-1

Split=5(1, 3, 4, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-4	-6	-2	7	-3	-5
2	4	-1	-5	-1	3	7	-6
3	6	5	1	7	2	1	-4
4	2	1	7	1	-6	-5	3
5	7	-3	-2	6	1	4	1
6	3	-7	-1	5	-4	-1	2
7	5	6	4	-3	-1	-2	-1

Split=6(1, 2, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	3	2	7	6	5	4
2	-3	1	-1	-6	7	-4	5
3	-2	1	-1	5	-4	7	-6
4	-7	6	-5	-1	3	-2	1
5	-6	-7	4	-3	-1	1	2
6	-5	4	-7	2	-1	1	-3
7	-4	-5	6	-1	-2	3	1

Split=6(1, 2, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	4	6	2	-7	3	-5
2	-4	1	-5	-1	-3	-7	-6
3	-6	5	-1	7	-2	1	-4
4	-2	1	-7	-1	6	-5	3
5	7	3	2	-6	1	-4	1
6	-3	7	-1	5	4	1	2
7	5	6	4	-3	-1	-2	-1

Split=7(1, 2, 4, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	3	2	7	-6	-5	-4
2	-3	1	-1	6	-7	4	-5
3	-2	1	-1	5	-4	7	-6
4	7	-6	-5	1	-3	-2	1
5	6	7	4	3	1	1	2
6	5	-4	-7	2	-1	-1	3
7	4	5	6	-1	-2	-3	-1

Split=7(1, 2, 3, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	4	-6	2	7	-3	5
2	-4	1	5	-1	3	7	6
3	6	5	1	7	-2	1	4
4	-2	1	-7	-1	6	-5	3
5	-7	-3	2	-6	-1	4	1
6	3	-7	-1	5	-4	-1	2
7	-5	-6	-4	-3	-1	-2	1

EBH247 Flip {(1, 3, 2), (1, 4, 7), (1, 5, 6), (2, 4, 6), (2, 7, 5), (3, 5, 4), (3, 7, 6)}

0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	6	-5	-4
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	-5	4	-7	6
4	-7	-6	5	-1	-3	2	1
5	-6	7	-4	3	-1	1	-2
6	5	4	7	-2	-1	-1	-3
7	4	-5	-6	-1	2	3	-1

No Flip {(1, 4, 2), (1, 3, 6), (1, 5, 7), (2, 3, 5), (2, 7, 6), (3, 7, 4), (4, 6, 5)}

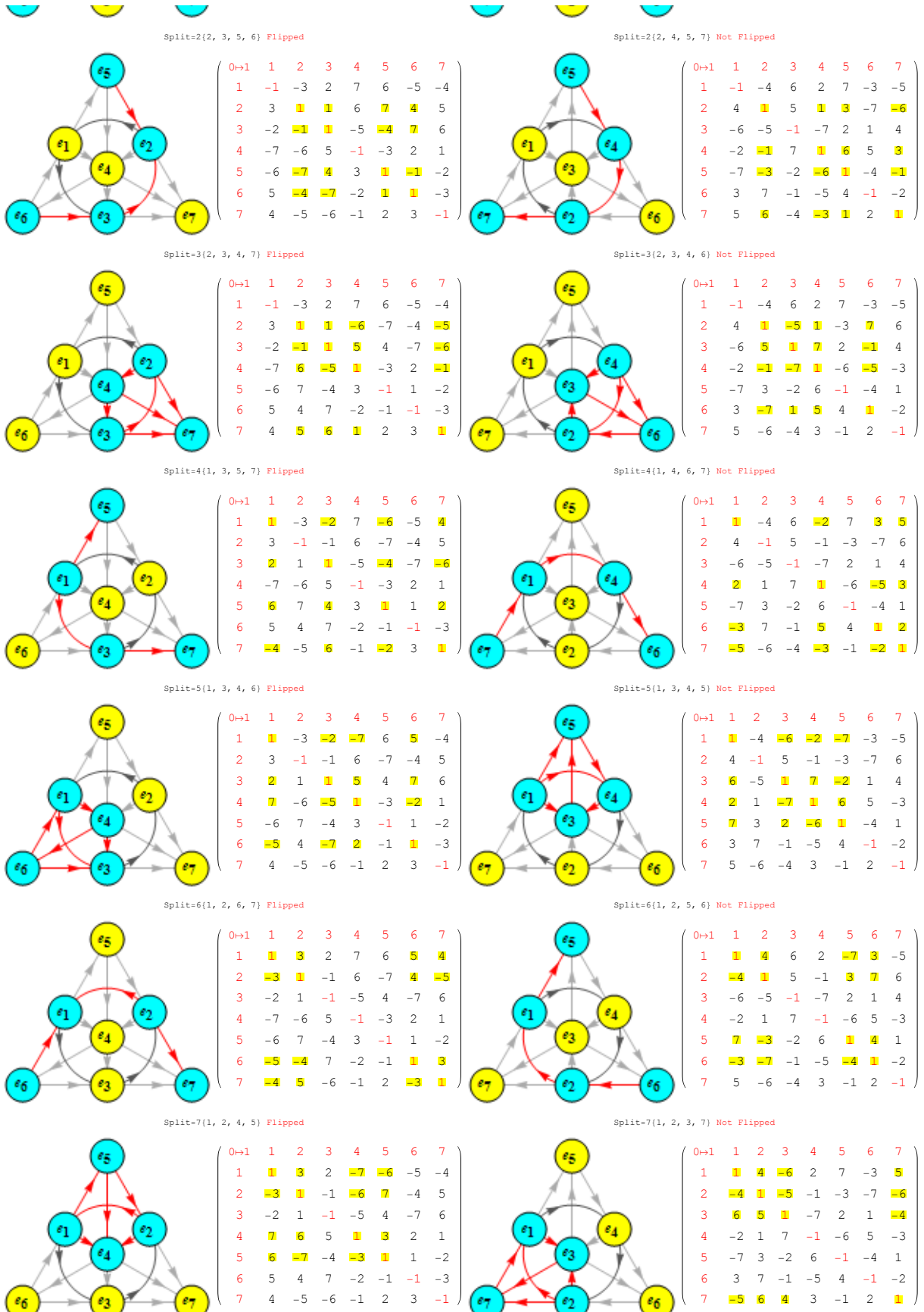
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	5	-1	-3	-7	6
3	-6	-5	-1	-7	2	1	4
4	-2	1	7	-1	-6	5	-3
5	-7	3	-2	6	-1	-4	1
6	3	7	-1	5	-4	-1	-2
7	5	-6	-4	3	-1	2	-1

Split=1(4, 5, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	6	-5	-4
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	-5	4	-7	6
4	-7	-6	5	1	3	-2	-1
5	-6	7	-4	-3	1	1	2
6	5	4	7	2	1	1	3
7	4	-5	-6	1	-2	-3	1

Split=1(3, 5, 6, 7) Not Flipped

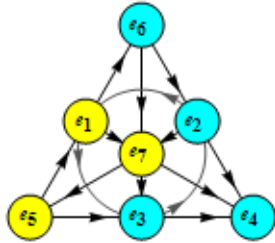
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	5	-1	-3	-7	6
3	-6	-5	1	7	-2	-1	-4
4	-2	1	7	-1	-6	5	-3
5	-7	3	2	6	1	4	1
6	3	7	-1	5	-4	-1	2
7	5	-6	4	3	1	-2	1





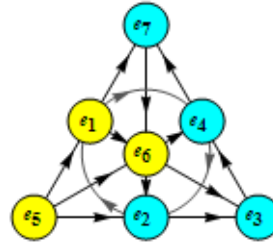
EBH23 Flip  $\{(1, 3, 2), (1, 7, 4), (1, 6, 5), (2, 4, 6), (2, 7, 5), (3, 4, 5), (3, 6, 7)\}$

No Flip  $\{(1, 4, 2), (1, 6, 3), (1, 7, 5), (2, 3, 5), (2, 7, 6), (3, 4, 7), (4, 5, 6)\}$



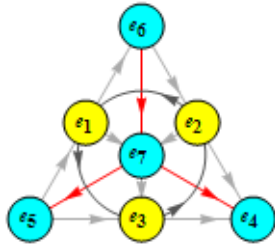
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	5	-4	7	-6
4	7	-6	-5	-1	3	2	-1
5	6	7	4	-3	-1	-1	-2
6	-5	4	-7	-2	1	-1	3
7	-4	-5	6	1	2	-3	-1

Split=1(4, 5, 6, 7) Flipped



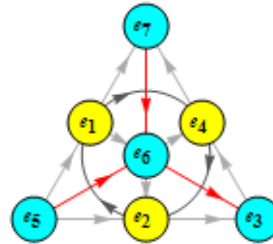
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	-7	3	5
2	4	-1	5	-1	-3	-7	6
3	6	-5	-1	7	2	-1	-4
4	-2	1	-7	-1	6	-5	3
5	7	3	-2	-6	-1	4	-1
6	-3	7	1	5	-4	-1	-2
7	-5	-6	4	-3	1	2	-1

Split=1(3, 5, 6, 7) Not Flipped



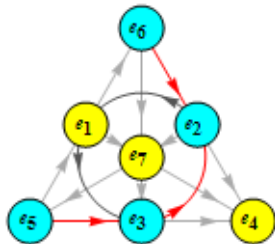
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	-1	-1	6	-7	-4	5
3	-2	1	-1	5	-4	7	-6
4	7	-6	-5	1	-3	2	1
5	6	7	4	3	1	1	2
6	-5	4	-7	2	-1	1	-3
7	-4	-5	6	1	-2	3	1

Split=2(2, 3, 5, 6) Flipped



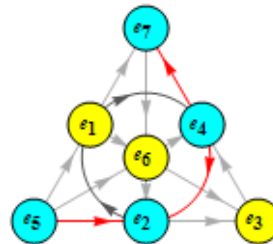
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	-7	3	5
2	4	-1	5	-1	-3	-7	6
3	6	-5	1	7	-2	1	-4
4	-2	1	-7	-1	6	-5	3
5	7	3	2	-6	1	-4	1
6	-3	7	1	5	4	1	2
7	-5	-6	4	-3	-1	2	1

Split=2(2, 4, 5, 7) Not Flipped



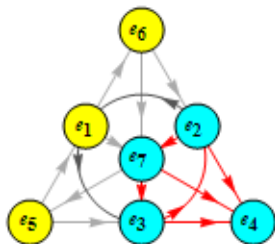
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	1	1	6	7	4	5
3	-2	-1	1	5	4	-7	-6
4	7	-6	-5	-1	3	2	-1
5	6	-7	-4	-3	1	-1	-2
6	-5	-4	7	-2	-1	1	3
7	-4	-5	6	1	2	-3	-1

Split=3(2, 3, 4, 7) Flipped



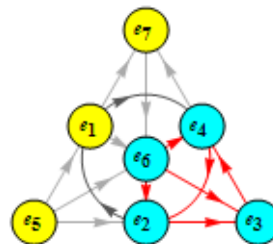
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	-7	3	5
2	4	1	5	1	3	-7	-6
3	6	-5	-1	7	2	-1	-4
4	-2	-1	-7	-1	-6	-5	-3
5	7	3	2	-6	1	4	1
6	-3	7	1	5	-4	-1	-2
7	-5	-6	4	3	-1	2	1

Split=3(2, 3, 4, 6) Not Flipped



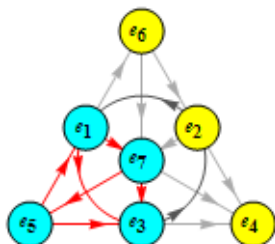
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	-6	5	4
2	3	1	1	6	7	4	-5
3	-2	-1	1	5	4	-7	6
4	7	6	5	1	3	2	1
5	6	7	4	-3	-1	-1	-2
6	-5	4	-7	-2	1	-1	3
7	-4	5	-6	-1	2	-3	1

Split=4(1, 3, 5, 7) Flipped



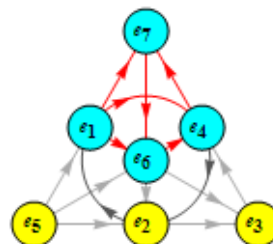
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	-7	3	5
2	4	1	-5	1	-3	7	6
3	6	-5	1	-7	2	1	-4
4	-2	-1	7	1	6	5	3
5	7	3	-2	-6	-1	4	-1
6	-3	-7	-1	-5	-4	1	-2
7	-5	-6	4	-3	1	2	-1

Split=4(1, 4, 6, 7) Not Flipped



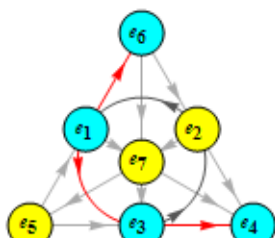
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	6	5	-4
2	3	-1	-1	6	-7	-4	5
3	2	1	1	5	4	7	6
4	7	-6	-5	-1	3	2	-1
5	-6	7	-4	-3	1	-1	2
6	-5	4	-7	-2	1	-1	3
7	4	-5	-6	1	-2	-3	1

Split=5(1, 3, 4, 6) Flipped

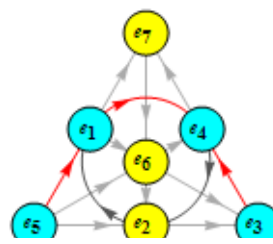


0→1	1	2	3	4	5	6	7
1	1	-4	-6	-2	-7	-3	-5
2	4	-1	5	-1	-3	-7	6
3	6	-5	-1	7	2	-1	-4
4	2	1	-7	1	6	5	-3
5	7	3	-2	-6	-1	4	-1
6	3	7	1	-5	-4	1	2
7	5	-6	4	3	1	-2	1

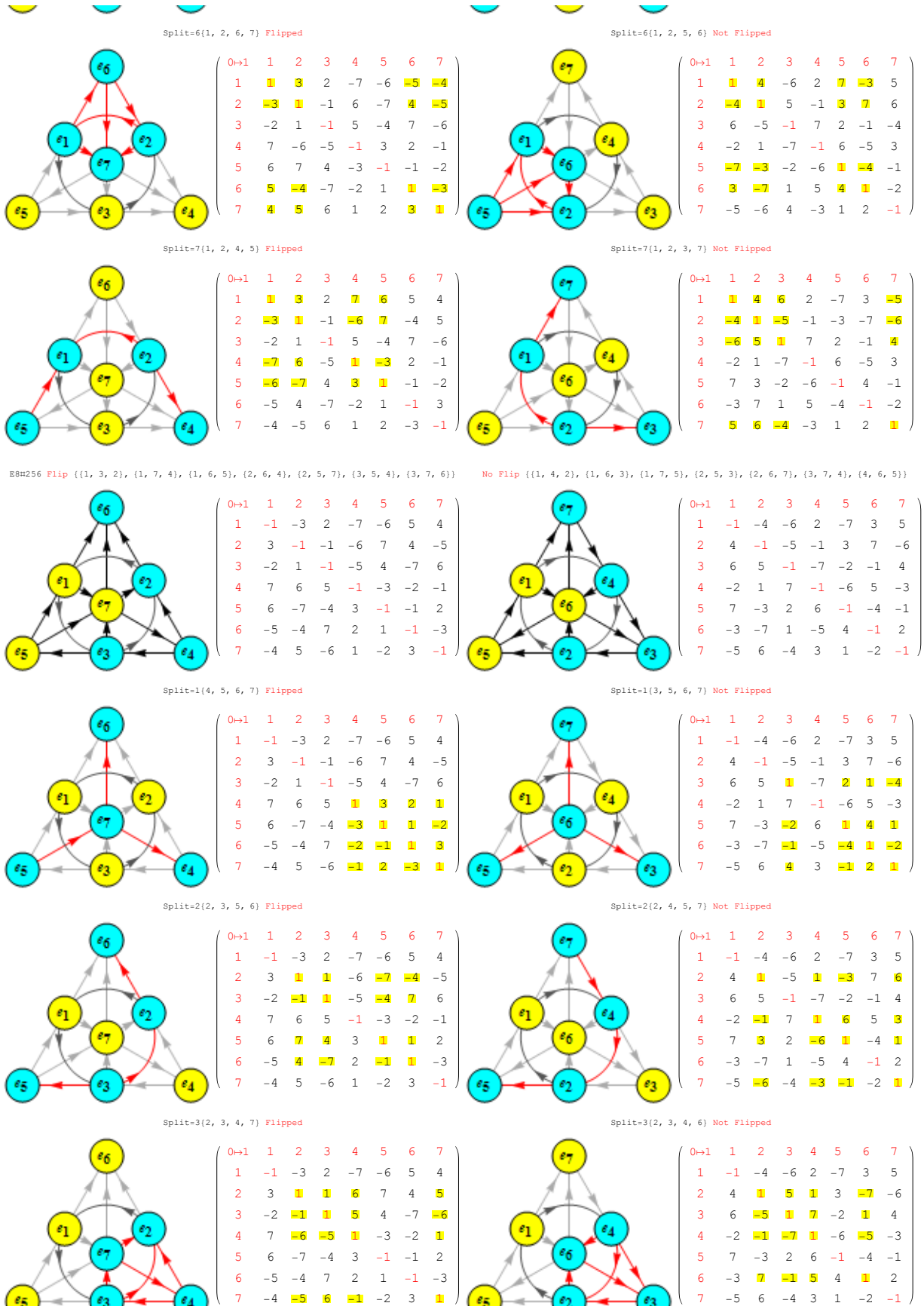
Split=5(1, 3, 4, 5) Not Flipped

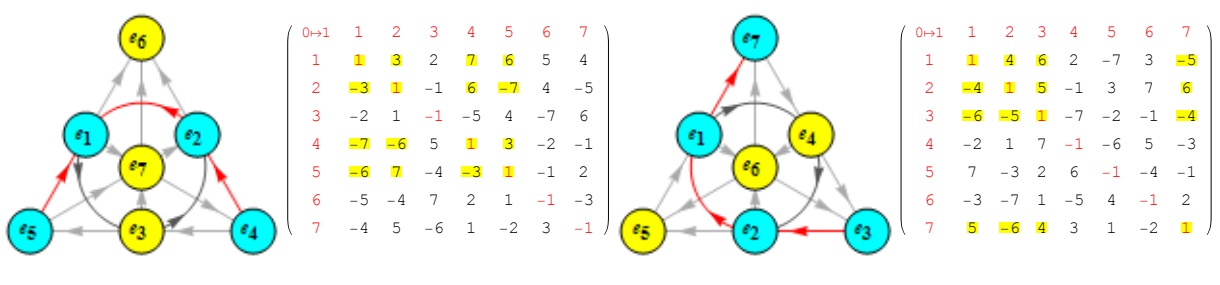
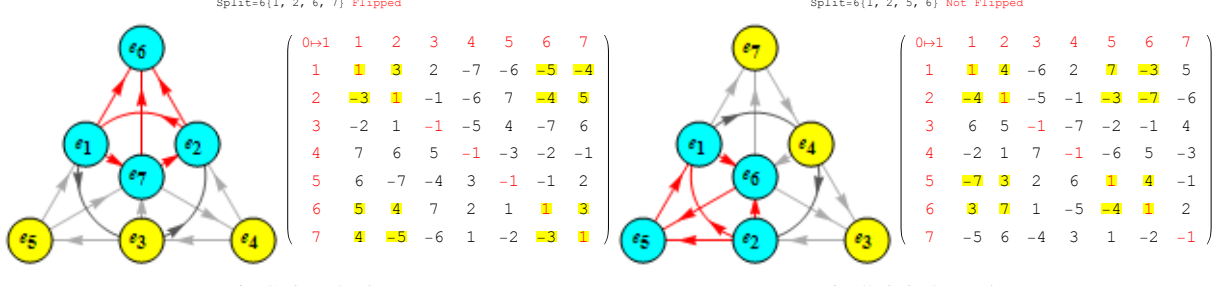
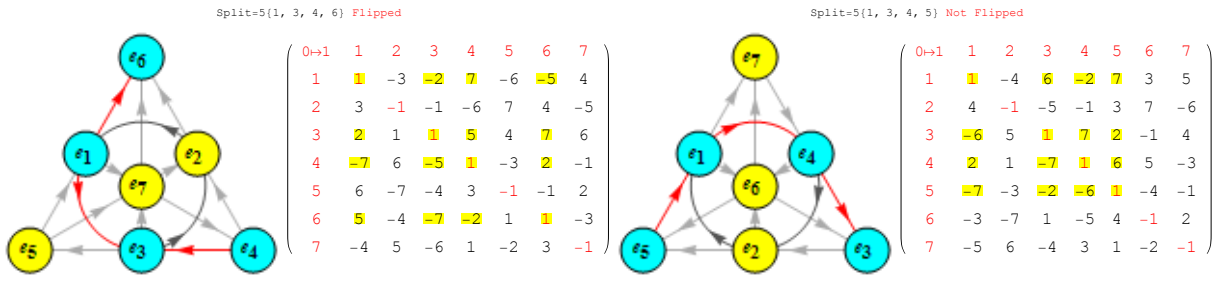
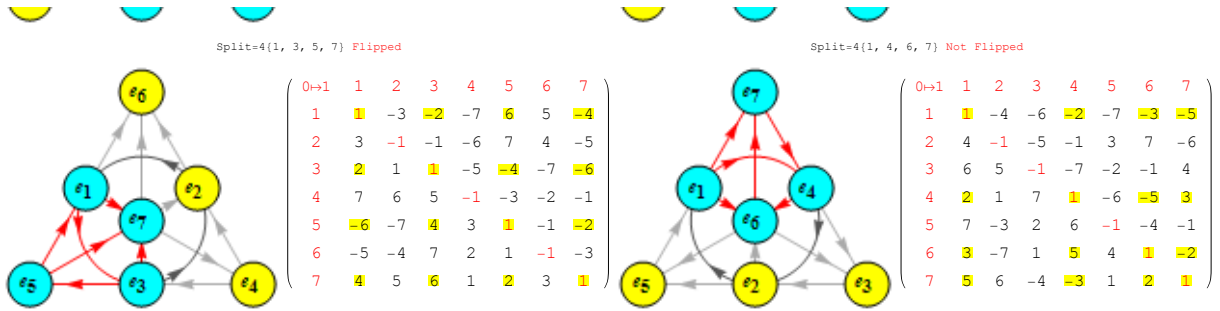


0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	-6	-5	4
2	3	-1	-1	6	-7	-4	5
3	2	1	1	-5	-4	-7	-6
4	-7	-6	5	1	3	-2	-1
5	6	7	4	-3	-1	-1	-2
6	5	4	7	2	1	1	3
7	-4	-5	6	1	2	-3	-1

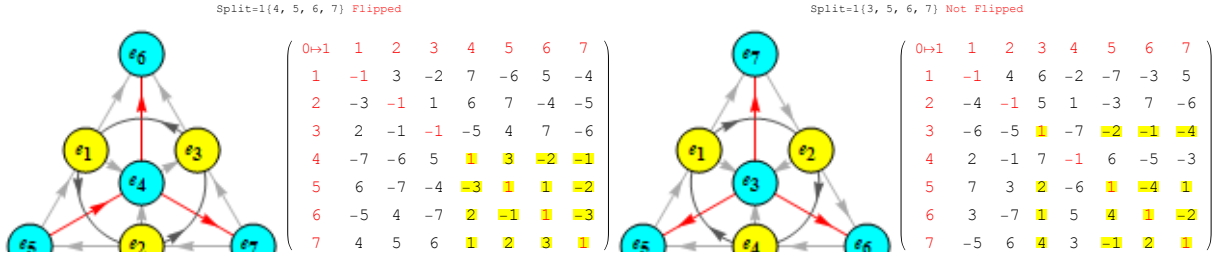
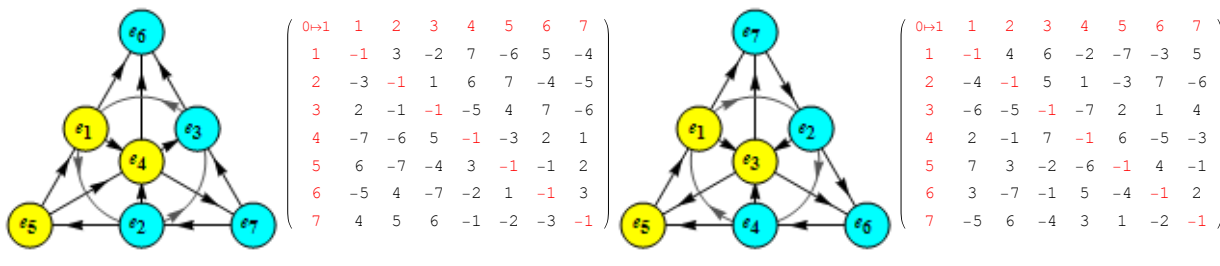


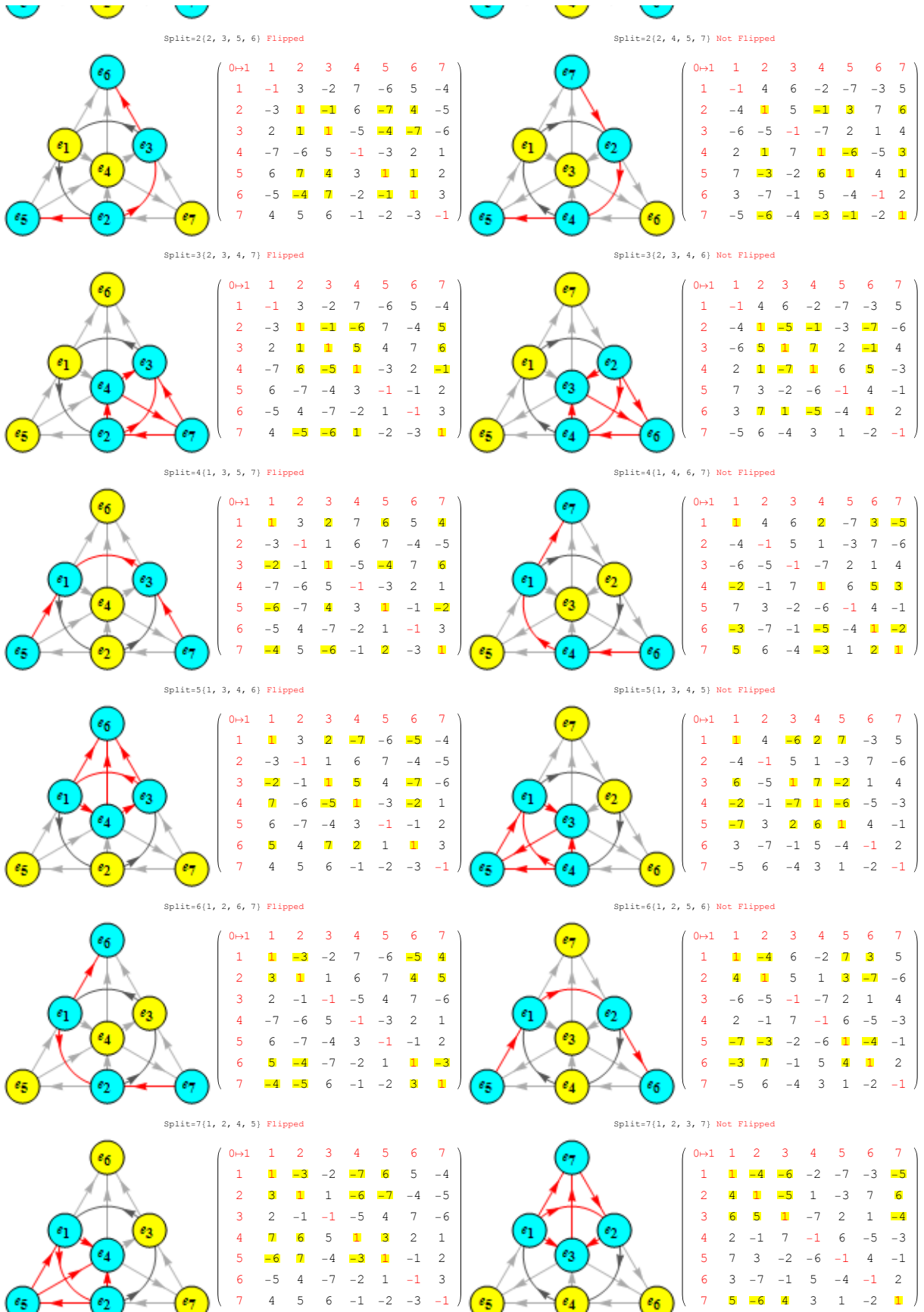
0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	7	3	5
2	4	-1	5	-1	-3	-7	6
3	-6	-5	1	-7	-2	-1	-4
4	2	1	7	1	6	-5	3
5	-7	3	2	6	1	4	-1
6	-3	7	1	5	-4	-1	-2
7	-5	-6	4	-3	1	2	-1





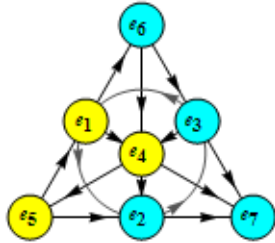
EBM18 Flip {(1, 2, 3), (1, 4, 7), (1, 6, 5), (2, 4, 6), (2, 5, 7), (3, 5, 4), (3, 6, 7)} No Flip {(1, 2, 4), (1, 3, 6), (1, 7, 5), (2, 3, 5), (2, 6, 7), (3, 7, 4), (4, 5, 6)}





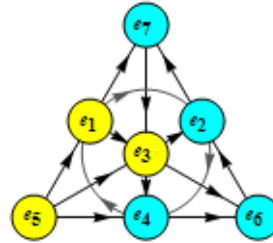
E8h240 Flip  $\{(1, 2, 3), (1, 4, 7), (1, 6, 5), (2, 6, 4), (2, 7, 5), (3, 4, 5), (3, 7, 6)\}$

No Flip  $\{(1, 2, 4), (1, 3, 6), (1, 7, 5), (2, 5, 3), (2, 7, 6), (3, 4, 7), (4, 6, 5)\}$



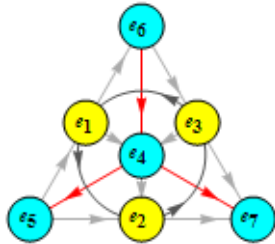
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	-1	1	-6	-7	4	5
3	2	-1	-1	5	-4	-7	6
4	-7	6	-5	-1	3	-2	1
5	6	7	4	-3	-1	-1	-2
6	-5	-4	7	2	1	-1	-3
7	4	-5	-6	-1	2	3	-1

Split=1(4, 5, 6, 7) Flipped



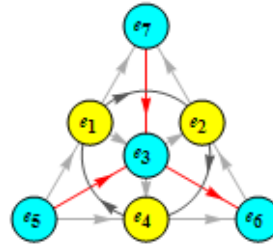
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	-7	-3	5
2	-4	-1	-5	1	3	-7	6
3	-6	5	-1	7	-2	1	-4
4	2	-1	-7	-1	-6	5	3
5	7	-3	2	6	-1	-4	-1
6	3	7	-1	-5	4	-1	-2
7	-5	-6	4	-3	1	2	-1

Split=1(3, 5, 6, 7) Not Flipped



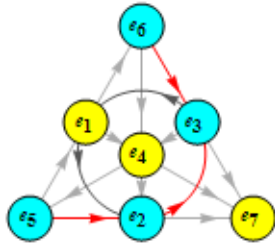
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	-1	1	-6	-7	4	5
3	2	-1	-1	5	-4	-7	6
4	-7	6	-5	1	-3	2	-1
5	6	7	4	3	1	1	2
6	-5	-4	7	-2	-1	1	3
7	4	-5	-6	1	-2	-3	1

Split=2(2, 3, 5, 6) Flipped



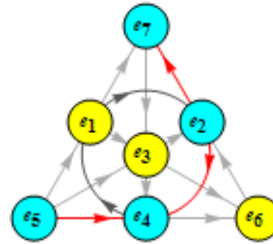
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	-7	-3	5
2	-4	-1	-5	1	3	-7	6
3	-6	5	1	7	2	-1	4
4	2	-1	-7	-1	-6	5	3
5	7	-3	2	6	1	4	1
6	3	7	-1	-5	4	1	2
7	-5	-6	4	-3	-1	2	1

Split=2(2, 4, 5, 7) Not Flipped



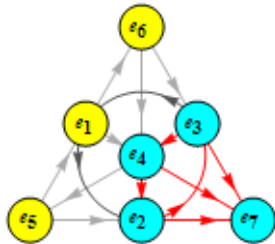
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	1	-1	-6	7	-4	5
3	2	1	1	5	4	7	6
4	-7	6	-5	-1	3	-2	1
5	6	-7	-4	-3	1	1	-2
6	-5	4	-7	2	-1	-1	-3
7	4	-5	-6	-1	2	3	-1

Split=3(2, 3, 4, 7) Flipped



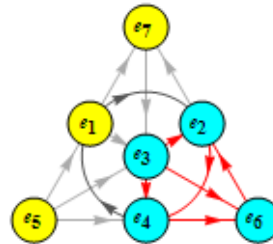
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	-7	-3	5
2	-4	1	-5	-1	-3	-7	-6
3	-6	5	-1	7	-2	1	-4
4	2	1	-7	1	6	5	-3
5	7	3	2	6	1	-4	1
6	3	7	-1	-5	4	-1	-2
7	-5	6	4	3	-1	2	1

Split=3(2, 3, 4, 6) Not Flipped



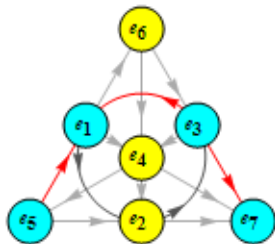
0→1	1	2	3	4	5	6	7
1	-1	3	-2	7	-6	5	-4
2	-3	1	-1	6	-7	4	-5
3	2	1	1	-5	-4	-7	-6
4	-7	-6	5	1	3	-2	-1
5	6	7	4	-3	-1	-1	-2
6	-5	-4	7	2	1	-1	-3
7	4	5	6	1	2	3	1

Split=4(1, 3, 5, 7) Flipped



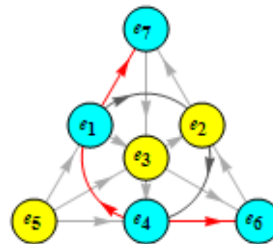
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	-7	-3	5
2	-4	1	5	-1	3	7	6
3	-6	-5	1	-7	-2	-1	-4
4	2	1	7	1	-6	-5	3
5	7	-3	2	6	-1	-4	-1
6	3	-7	1	5	4	1	-2
7	-5	-6	4	-3	1	2	-1

Split=4(1, 4, 6, 7) Not Flipped



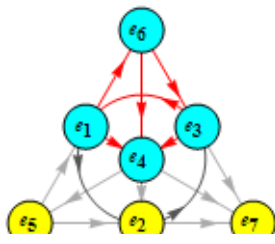
0→1	1	2	3	4	5	6	7
1	1	3	2	7	6	5	4
2	-3	-1	1	-6	-7	4	5
3	-2	-1	1	5	4	-7	-6
4	-7	6	-5	-1	3	-2	1
5	6	7	4	-3	1	-1	2
6	-5	-4	7	2	1	-1	-3
7	-4	-5	6	-1	-2	3	1

Split=5(1, 3, 4, 6) Flipped

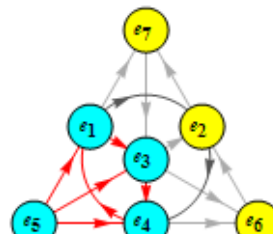


0→1	1	2	3	4	5	6	7
1	1	4	6	2	-7	3	-5
2	-4	-1	-5	1	3	-7	6
3	-6	5	-1	7	-2	1	-4
4	-2	-1	-7	1	-6	-5	3
5	7	-3	2	6	-1	-4	-1
6	-3	7	-1	5	4	1	2
7	5	-6	4	3	1	-2	1

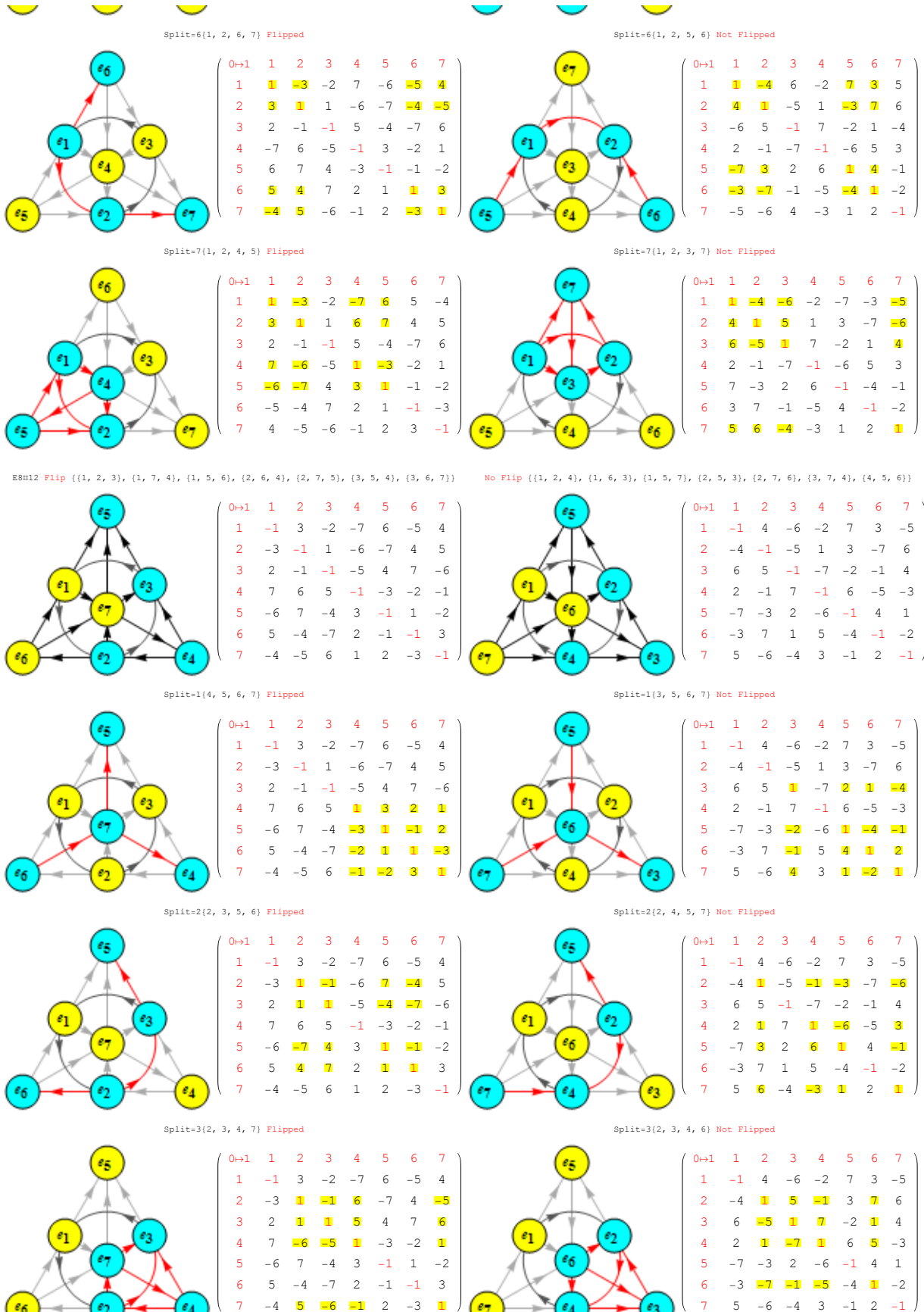
Split=5(1, 3, 4, 5) Not Flipped

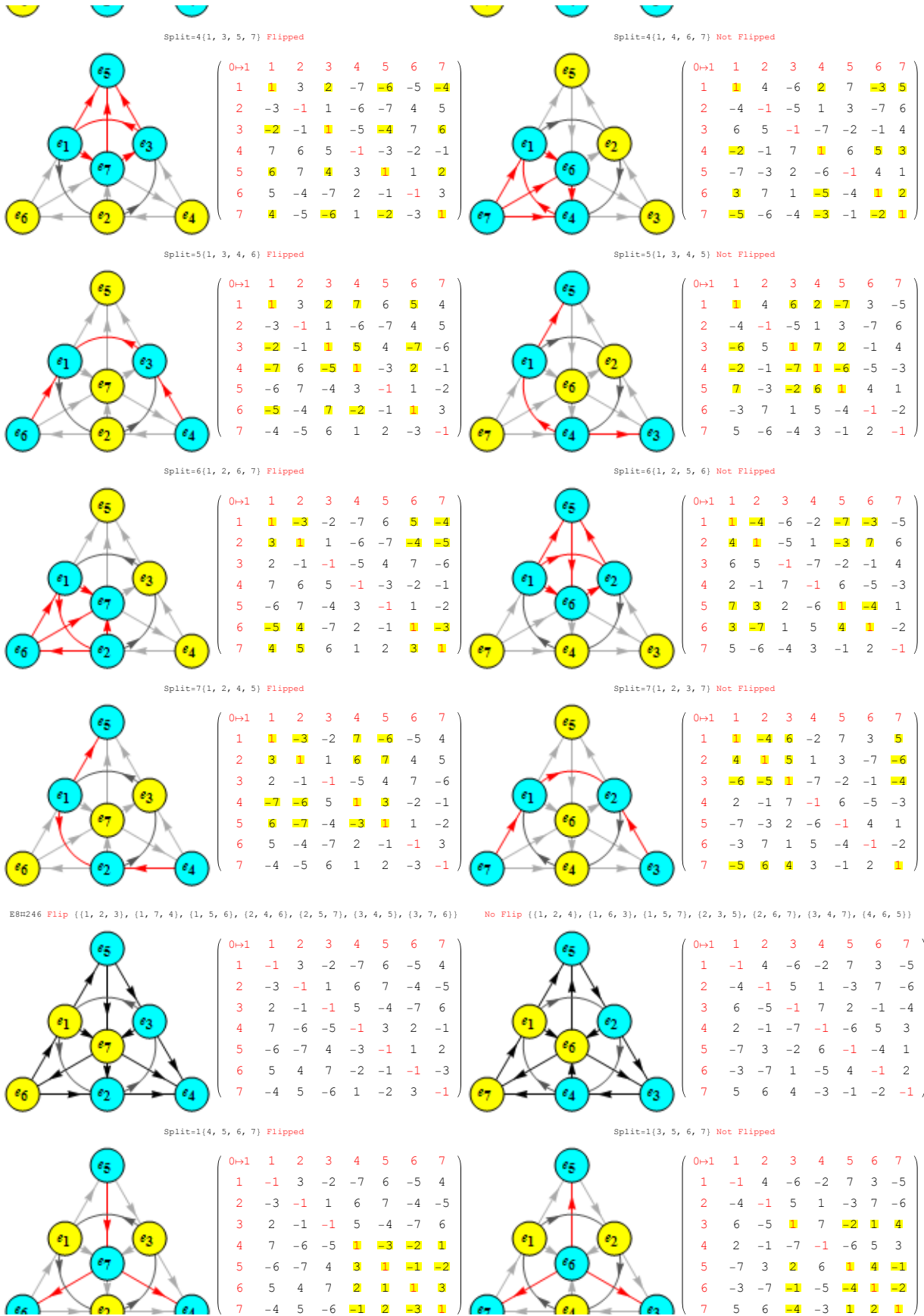


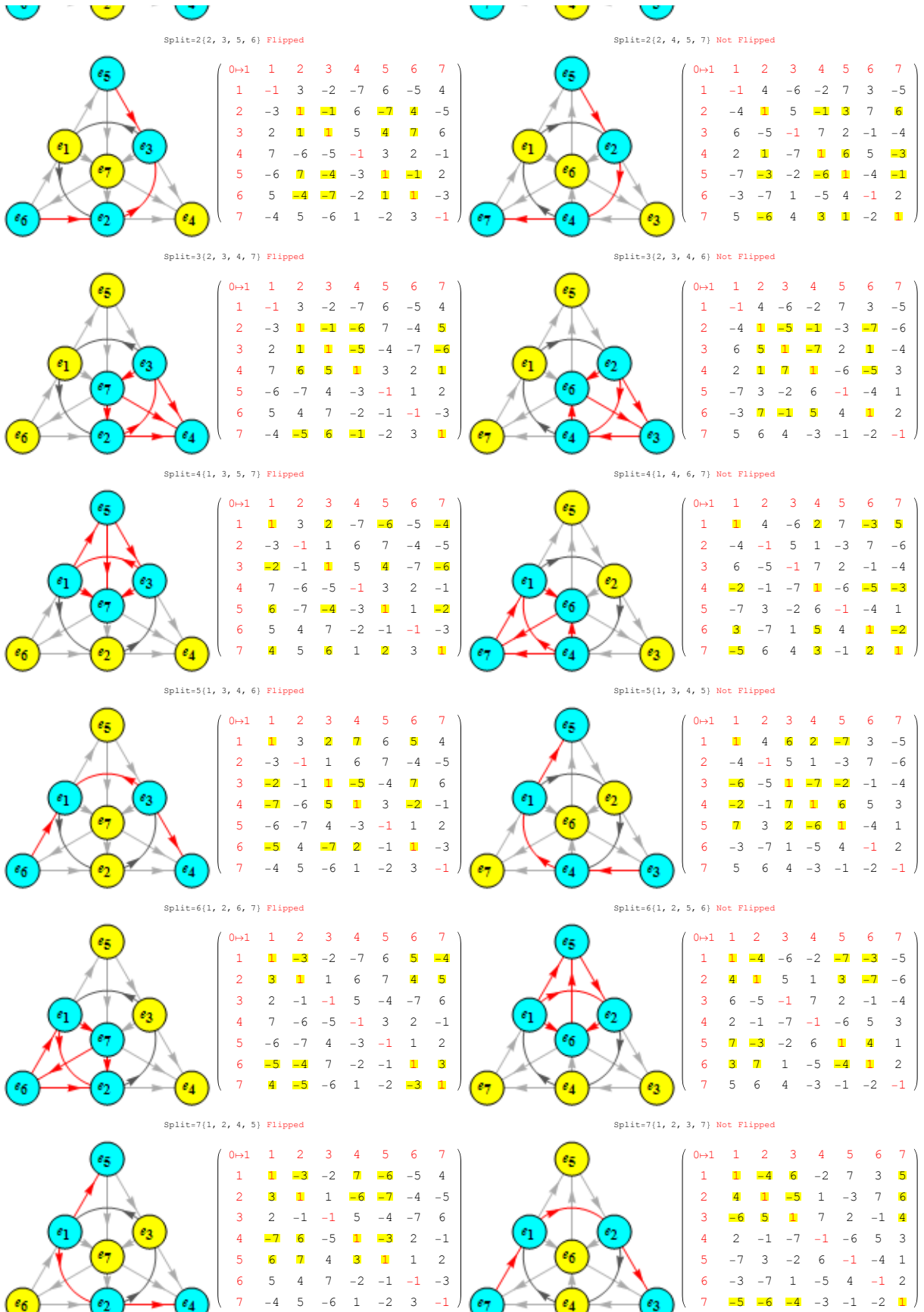
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	-6	-5	-4
2	-3	-1	1	-6	-7	4	5
3	-2	-1	1	-5	-4	7	6
4	7	6	5	1	3	2	1
5	6	7	4	-3	-1	-1	-2
6	5	-4	-7	-2	1	1	-3
7	4	-5	-6	-1	2	3	-1



0→1	1	2	3	4	5	6	7
1	1	4	-6	2	7	-3	5
2	-4	-1	-5	1	3	-7	6
3	6	5	1	-7	2	1	-4
4	-2	-1	7	1	6	5	3
5	-7	-3	2	-6	1	-4	-1
6	3	7	-1	-5	4	-1	-2
7	-5	-6	4	-3	1	2	-1



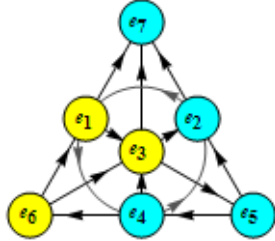






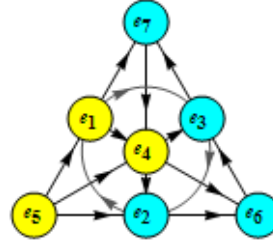
EBH170 Flip  $\{(1, 4, 2), (1, 3, 5), (1, 7, 6), (2, 6, 3), (2, 7, 5), (3, 7, 4), (4, 6, 5)\}$

No Flip  $\{(1, 3, 2), (1, 4, 6), (1, 7, 5), (2, 7, 4), (2, 6, 5), (3, 5, 4), (3, 7, 6)\}$



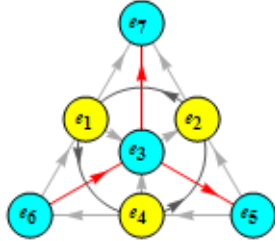
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	-5	6	-1	-7	1	-2	4
4	-2	1	7	-1	-6	5	-3
5	3	7	-1	6	-1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	-6	-5	-4	3	2	1	-1

Split=1(3, 5, 6, 7) Flipped



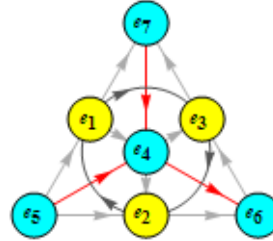
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	-6	5	4
3	-2	1	-1	-5	4	-7	6
4	-6	7	5	-1	-3	1	-2
5	7	6	-4	3	-1	-2	-1
6	4	-5	7	-1	2	-1	-3
7	-5	-4	-6	2	1	3	-1

Split=1(4, 5, 6, 7) Not Flipped



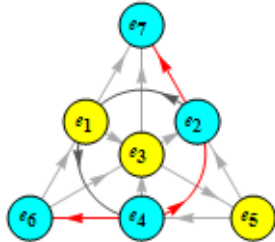
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	-5	6	-1	-7	-1	2	-4
4	-2	1	7	-1	-6	5	-3
5	3	7	-1	6	-1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	-6	-5	4	3	-2	1	-1

Split=2(2, 4, 6, 7) Flipped



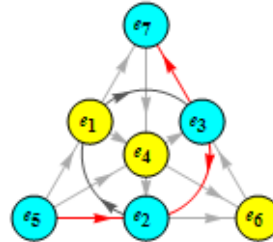
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	-6	5	4
3	-2	1	-1	-5	4	-7	6
4	-6	7	5	-1	3	-1	2
5	7	6	-4	-3	-1	2	-1
6	4	-5	7	-1	2	1	3
7	-5	-4	-6	-2	-1	3	-1

Split=2(2, 3, 5, 7) Not Flipped



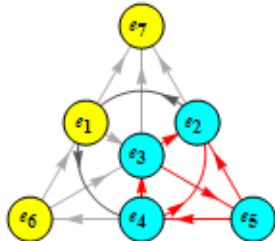
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	-5	6	-1	-7	1	-2	4
4	-2	-1	7	-1	-6	5	3
5	3	7	-1	6	-1	-4	-2
6	7	3	2	5	4	-1	-1
7	-6	5	-4	3	2	-1	-1

Split=3(2, 3, 4, 5) Flipped



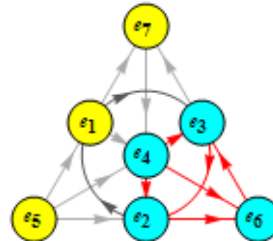
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	6	5	-4
3	-2	-1	-1	-5	-4	-7	6
4	-6	7	5	-1	-3	1	-2
5	7	6	-4	3	-1	2	-1
6	4	-5	7	-1	2	-1	-3
7	-5	4	6	2	-1	3	-1

Split=3(2, 3, 4, 6) Not Flipped



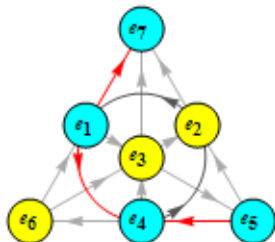
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	-5	6	-1	-7	-1	-2	4
4	-2	-1	-7	-1	6	5	-3
5	3	7	-1	6	-1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	-6	-5	-4	3	2	1	-1

Split=4(1, 4, 5, 7) Flipped



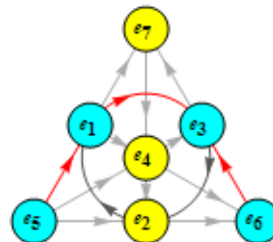
0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	-6	5	4
3	-2	-1	-1	-5	4	-7	6
4	-6	7	5	-1	-3	-1	-2
5	7	6	-4	3	-1	2	-1
6	4	-5	7	-1	2	1	-3
7	-5	-4	-6	2	1	3	-1

Split=4(1, 3, 5, 6) Not Flipped



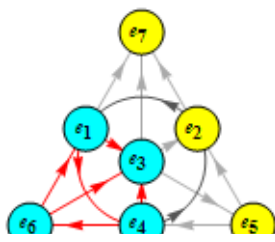
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	-5	6	-1	-7	1	-2	4
4	-2	1	7	-1	6	5	3
5	3	7	-1	6	-1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	6	-5	-4	3	-2	1	-1

Split=5(1, 3, 4, 6) Flipped

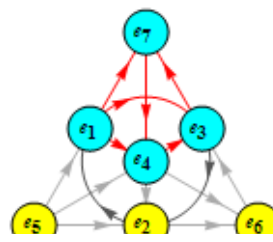


0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	-6	5	4
3	2	1	-1	-5	-4	-7	6
4	-6	7	5	-1	-3	1	-2
5	7	6	-4	3	-1	2	-1
6	-4	-5	7	-1	2	1	-3
7	-5	-4	-6	2	1	3	-1

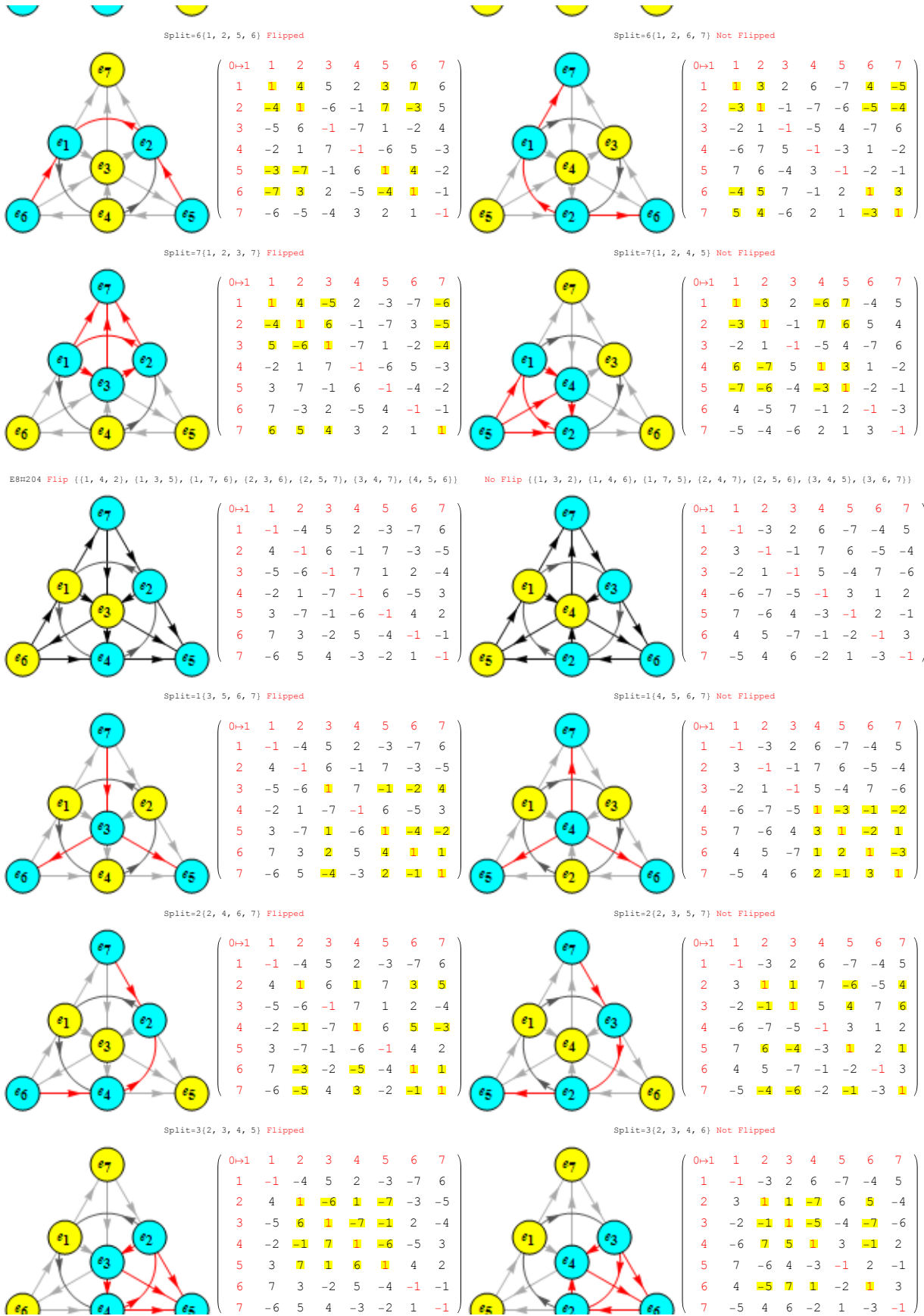
Split=5(1, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	-7	6
2	4	-1	-6	-1	-7	3	5
3	5	6	-1	-7	1	2	4
4	-2	1	-7	-1	-6	5	-3
5	3	7	-1	6	-1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	-6	-5	-4	3	2	1	-1

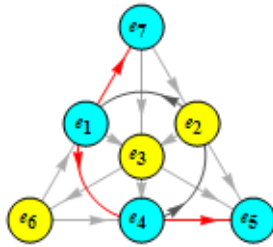


0→1	1	2	3	4	5	6	7
1	-1	-3	2	6	-7	-4	5
2	3	-1	-1	-7	-6	5	4
3	2	1	-1	-5	4	-7	6
4	-6	7	5	-1	-3	1	-2
5	7	6	-4	3	-1	2	-1
6	4	-5	7	-1	2	-1	-3
7	5	-4	6	-2	1	3	-1





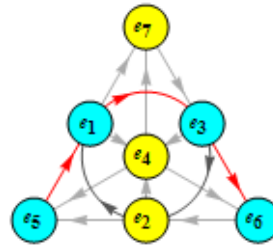
Split=4(1, 4, 5, 7) Flipped



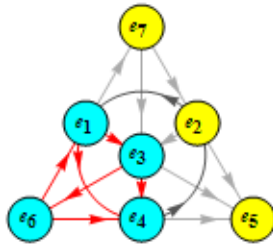
0→1	1	2	3	4	5	6	7
1	1	-4	5	-2	3	-7	-6
2	4	-1	6	-1	7	-3	-5
3	-5	-6	-1	7	1	2	-4
4	2	1	-7	1	-6	-5	-3
5	-3	-7	-1	6	1	4	-2
6	7	3	-2	5	-4	-1	-1
7	6	5	4	3	2	1	1



Split=4(1, 3, 5, 6) Not Flipped

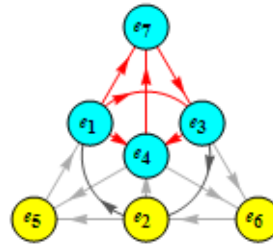


0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	7	4	5
2	3	-1	-1	7	6	-5	-4
3	2	1	1	5	4	-7	-6
4	-6	-7	-5	-1	3	1	2
5	-7	-6	-4	-3	1	-2	-1
6	-4	5	7	-1	2	1	3
7	-5	4	6	-2	1	-3	-1



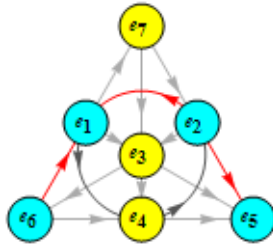
Split=5(1, 3, 4, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-4	-5	-2	-3	7	6
2	4	-1	6	-1	7	-3	-5
3	5	-6	1	-7	1	-2	-4
4	2	1	7	1	6	5	3
5	3	-7	-1	-6	-1	4	2
6	-7	3	2	-5	-4	1	-1
7	-6	5	4	-3	-2	1	-1



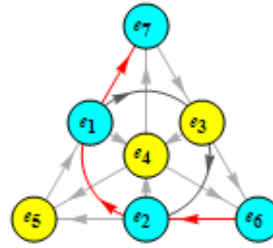
Split=5(1, 3, 4, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-3	-2	-6	-7	-4	-5
2	3	-1	-1	7	6	-5	-4
3	2	1	1	-5	-4	7	6
4	6	-7	5	1	3	1	-2
5	7	-6	4	-3	-1	2	-1
6	4	5	-7	-1	-2	-1	3
7	5	4	-6	2	1	-3	1



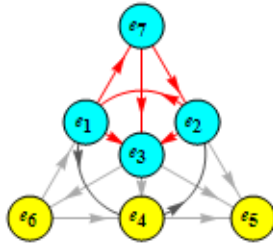
Split=6(1, 2, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	7	6
2	-4	1	6	-1	-7	3	-5
3	-5	-6	-1	7	1	2	-4
4	-2	1	-7	-1	6	-5	3
5	-3	7	-1	-6	1	-4	2
6	-7	-3	-2	5	4	1	-1
7	-6	5	4	-3	-2	1	-1



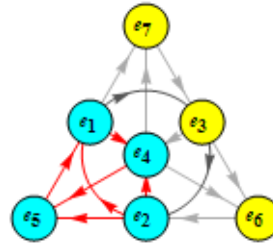
Split=6(1, 2, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	3	2	6	-7	4	-5
2	-3	1	-1	7	6	5	4
3	-2	1	-1	5	-4	7	-6
4	-6	-7	-5	-1	3	1	2
5	7	-6	4	-3	-1	2	-1
6	-4	-5	-7	-1	-2	1	-3
7	5	-4	6	-2	1	3	1



Split=7(1, 2, 3, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	4	-5	2	-3	-7	-6
2	-4	1	-6	-1	7	-3	5
3	5	6	1	7	1	2	4
4	-2	1	-7	-1	6	-5	3
5	3	-7	-1	-6	-1	4	2
6	7	3	-2	5	-4	-1	-1
7	6	-5	-4	-3	-2	1	1

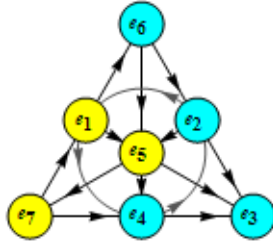


Split=7(1, 2, 4, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	3	2	-6	7	-4	5
2	-3	1	-1	-7	-6	-5	-4
3	-2	1	-1	5	-4	7	-6
4	6	7	-5	1	-3	1	2
5	-7	6	4	3	1	2	-1
6	4	5	-7	-1	-2	-1	3
7	-5	4	6	-2	1	-3	-1

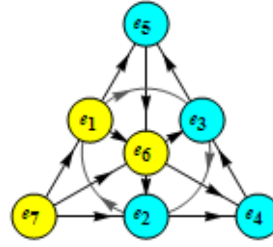
E8m165 Flip {(1, 4, 2), (1, 5, 3), (1, 6, 7), (2, 3, 6), (2, 5, 7), (3, 7, 4), (4, 6, 5)}

No Flip {(1, 3, 2), (1, 6, 4), (1, 5, 7), (2, 4, 7), (2, 5, 6), (3, 5, 4), (3, 7, 6)}



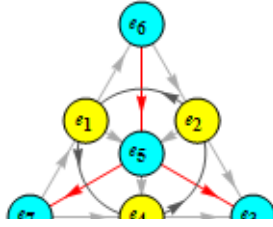
Split=1(3, 5, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	6	-1	7	-3	-5
3	5	-6	-1	-7	-1	2	4
4	-2	1	7	-1	-6	5	-3
5	-3	-7	1	6	-1	-4	2
6	-7	3	-2	-5	4	-1	1
7	6	5	-4	3	-2	-1	-1



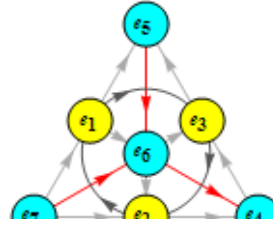
Split=1(4, 5, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	-1	-1	7	6	-5	-4
3	-2	1	-1	-5	4	-7	6
4	6	-7	5	-1	-3	-1	2
5	-7	-6	-4	3	-1	2	1
6	-4	5	7	1	-2	-1	-3
7	5	4	-6	-2	-1	3	-1



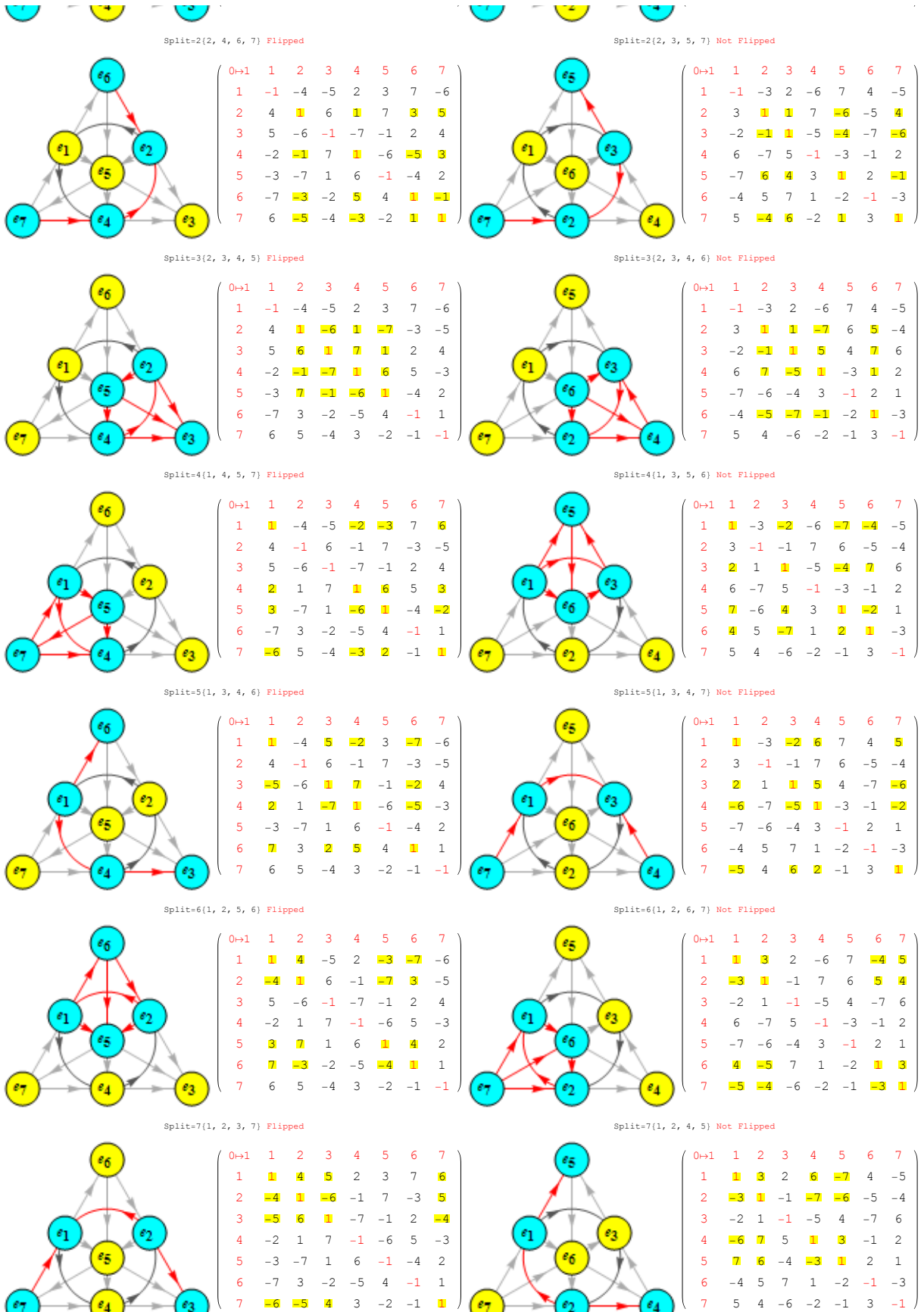
Split=1(3, 5, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	6	-1	7	-3	-5
3	5	-6	1	-7	1	-2	-4
4	-2	1	7	-1	-6	5	-3
5	-3	-7	-1	6	1	-4	-2
6	-7	3	2	-5	-4	1	-1
7	6	5	4	3	2	1	1



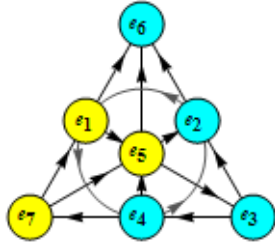
Split=1(4, 5, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	-1	-1	7	6	-5	-4
3	-2	1	-1	-5	4	-7	6
4	6	-7	5	1	3	1	-2
5	-7	-6	-4	-3	1	-2	-1
6	-4	5	7	-1	2	1	3
7	5	4	-6	2	1	-3	1



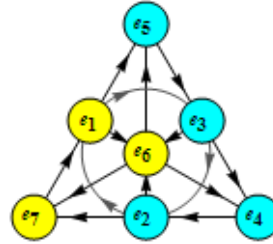
EBM195 Flip  $\{(1, 4, 2), (1, 5, 3), (1, 6, 7), (2, 6, 3), (2, 7, 5), (3, 4, 7), (4, 5, 6)\}$

No Flip  $\{(1, 3, 2), (1, 6, 4), (1, 5, 7), (2, 7, 4), (2, 6, 5), (3, 4, 5), (3, 6, 7)\}$



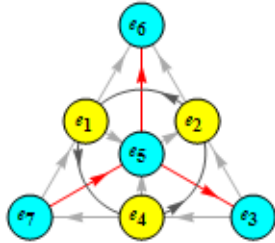
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	-6	-1	-7	3	5
3	5	6	-1	7	-1	-2	-4
4	-2	1	-7	-1	6	-5	3
5	-3	7	1	-6	-1	4	-2
6	-7	-3	2	5	-4	-1	1
7	6	-5	4	-3	2	-1	-1

Split=1(3, 5, 6, 7) Flipped



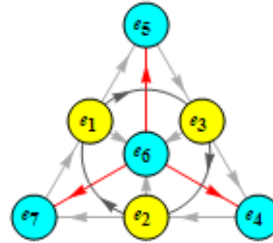
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	-1	-1	-7	-6	5	4
3	-2	1	-1	5	-4	7	-6
4	6	7	-5	-1	3	-1	-2
5	-7	6	4	-3	-1	-2	1
6	-4	-5	-7	1	2	-1	3
7	5	-4	6	2	-1	-3	-1

Split=1(4, 5, 6, 7) Not Flipped



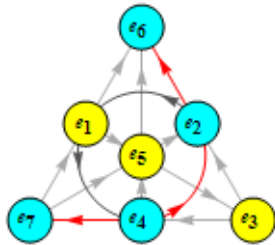
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	-6	-1	-7	3	5
3	5	6	1	7	1	2	4
4	-2	1	-7	-1	6	-5	3
5	-3	7	-1	-6	1	-4	2
6	-7	-3	-2	5	4	1	-1
7	6	-5	-4	-3	-2	1	1

Split=2(2, 4, 6, 7) Flipped



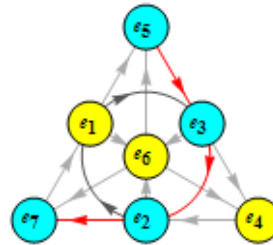
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	-1	-1	-7	-6	5	4
3	-2	1	-1	5	-4	7	-6
4	6	7	-5	1	-3	1	2
5	-7	6	4	3	1	2	-1
6	-4	-5	-7	-1	2	1	3
7	5	-4	6	-2	1	3	1

Split=2(2, 3, 5, 7) Not Flipped



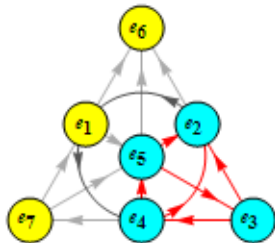
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	1	-6	1	-7	-3	-5
3	5	6	-1	7	-1	-2	-4
4	-2	-1	-7	1	6	5	-3
5	-3	7	1	-6	-1	4	-2
6	-7	3	2	-5	-4	1	-1
7	6	5	4	3	2	1	1

Split=3(2, 3, 4, 5) Flipped



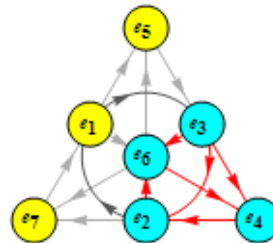
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	1	1	-7	6	5	-4
3	-2	-1	1	5	4	7	6
4	6	7	-5	-1	3	-1	-2
5	-7	-6	-4	-3	1	-2	-1
6	-4	-5	-7	1	2	-1	3
7	5	4	-6	2	1	-3	1

Split=3(2, 3, 4, 6) Not Flipped



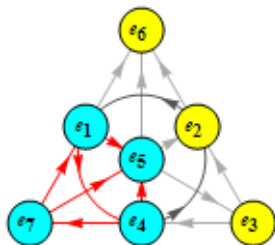
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	1	6	1	7	3	5
3	5	-6	1	7	1	-2	-4
4	-2	-1	7	1	-6	-5	3
5	-3	-7	-1	6	1	4	-2
6	-7	-3	2	5	-4	-1	1
7	6	-5	4	-3	2	-1	-1

Split=4(1, 4, 5, 7) Flipped



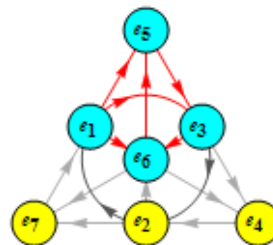
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-6	7	4	-5
2	3	1	1	7	-6	-5	4
3	-2	-1	1	-5	-4	-7	-6
4	6	-7	5	1	3	1	-2
5	-7	6	4	-3	-1	-2	1
6	-4	5	7	-1	2	1	3
7	5	-4	6	2	-1	-3	-1

Split=4(1, 3, 5, 6) Not Flipped



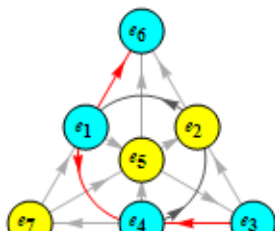
0→1	1	2	3	4	5	6	7
1	1	-4	-5	2	3	7	6
2	4	-1	-6	-1	-7	3	5
3	5	6	-1	7	-1	-2	-4
4	2	1	-7	1	-6	-5	-3
5	3	7	1	6	1	4	2
6	-7	-3	2	5	-4	-1	1
7	-6	-5	4	3	-2	-1	1

Split=5(1, 3, 4, 6) Flipped

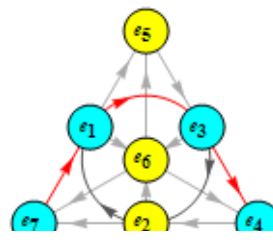


0→1	1	2	3	4	5	6	7
1	1	-3	-2	-6	7	-4	-5
2	3	-1	-1	-7	-6	5	4
3	2	1	1	5	4	-7	-6
4	6	7	-5	-1	3	-1	-2
5	7	6	-4	-3	1	2	1
6	4	-5	7	1	2	1	3
7	5	-4	6	2	-1	-3	-1

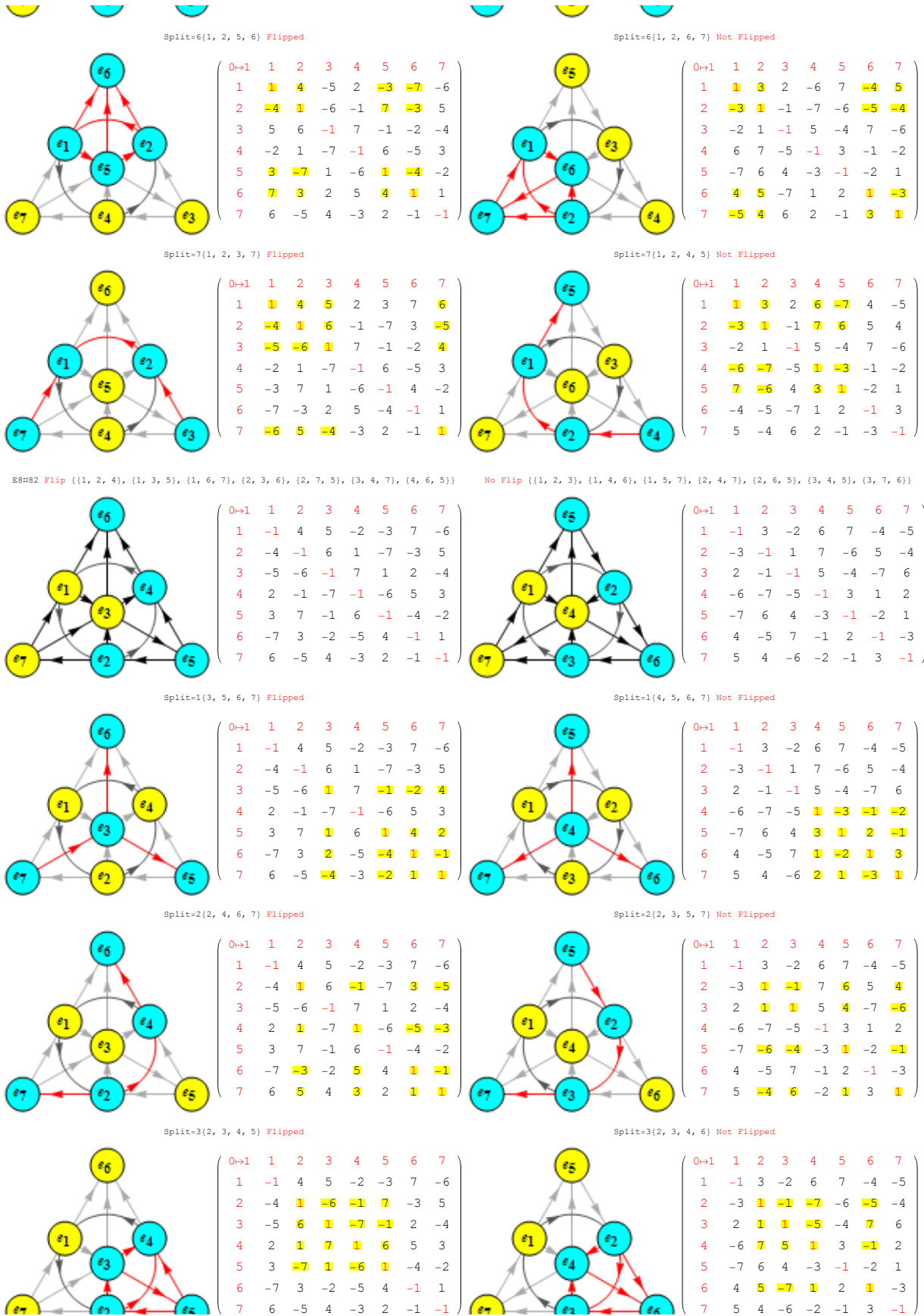
Split=5(1, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-4	5	-2	3	-7	-6
2	4	-1	-6	-1	-7	3	5
3	5	6	1	-7	-1	2	-4
4	2	1	7	1	6	5	3
5	-3	7	1	-6	-1	4	-2
6	7	-3	-2	-5	-4	1	1
7	6	-5	4	-3	2	-1	-1

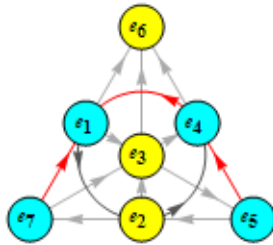


0→1	1	2	3	4	5	6	7
1	1	-3	-2	6	7	4	5
2	3	-1	-1	-7	-6	5	4
3	2	1	1	-5	-4	7	6
4	-6	7	5	1	3	-1	2
5	-7	6	4	-3	-1	-2	1
6	-4	-5	-7	1	2	-1	3
7	-5	-4	6	-2	-1	-3	1





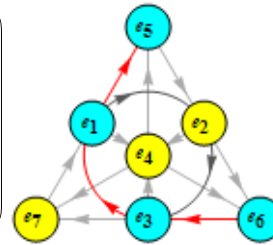
Split=4(1, 4, 5, 7) Flipped



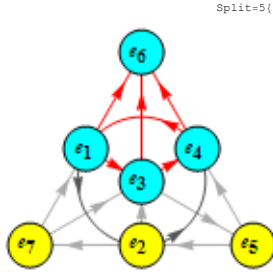
0→1	1	2	3	4	5	6	7
1	■	4	5	2	3	7	6
2	-4	-1	6	1	-7	-3	5
3	-5	-6	-1	7	1	2	-4
4	-2	-1	-7	■	6	5	-3
5	-3	7	-1	-6	■	-4	2
6	-7	3	-2	-5	4	-1	1
7	-6	-5	4	3	-2	-1	■



Split=4(1, 3, 5, 6) Not Flipped

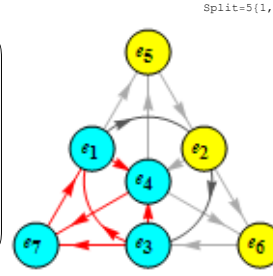


0→1	1	2	3	4	5	6	7
1	■	3	2	6	-7	4	-5
2	-3	-1	1	7	-6	5	-4
3	-2	-1	■	5	4	7	6
4	-6	-7	-5	-1	3	1	2
5	7	6	-4	-3	■	2	1
6	-4	-5	-7	-1	-2	■	-3
7	5	4	-6	-2	-1	3	-1



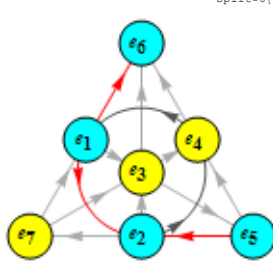
Split=5(1, 3, 4, 6) Flipped

0→1	1	2	3	4	5	6	7
1	■	4	-5	2	-3	-7	-6
2	-4	-1	6	1	-7	-3	5
3	5	-6	■	-7	1	-2	-4
4	-2	-1	7	■	-6	-5	3
5	3	7	-1	6	-1	-4	-2
6	7	3	2	5	4	■	1
7	6	-5	4	-3	2	-1	-1



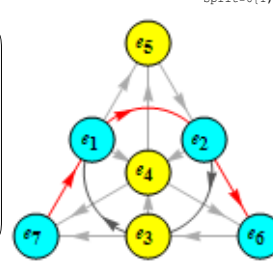
Split=5(1, 3, 4, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	■	3	2	-6	7	-4	5
2	-3	-1	1	7	-6	5	-4
3	-2	-1	■	-5	-4	-7	-6
4	6	-7	5	■	3	1	-2
5	-7	6	4	-3	-1	-2	1
6	4	-5	7	-1	2	-1	-3
7	-5	4	6	2	-1	3	■



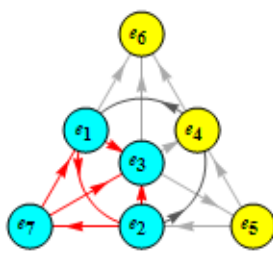
Split=6(1, 2, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	■	-4	5	-2	3	-7	-6
2	4	■	6	1	7	3	5
3	-5	-6	-1	7	1	2	-4
4	2	-1	-7	-1	-6	5	3
5	-3	-7	-1	6	■	4	-2
6	7	-3	-2	-5	-4	■	1
7	6	-5	4	-3	2	-1	-1



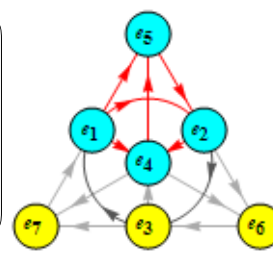
Split=6(1, 2, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	■	-3	-2	6	7	4	5
2	3	■	1	7	-6	-5	4
3	2	-1	-1	5	-4	-7	6
4	-6	-7	-5	-1	3	1	2
5	-7	6	4	-3	-1	-2	1
6	-4	5	7	-1	2	■	3
7	-5	-4	-6	-2	-1	-3	■



Split=7(1, 2, 3, 7) Flipped

0→1	1	2	3	4	5	6	7
1	■	-4	-5	-2	-3	7	6
2	4	■	-6	1	-7	-3	-5
3	5	6	■	7	1	2	4
4	2	-1	-7	-1	-6	5	3
5	3	7	-1	6	-1	-4	-2
6	-7	3	-2	-5	4	-1	1
7	-6	5	-4	-3	2	-1	■

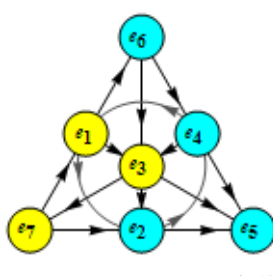


Split=7(1, 2, 4, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	■	-3	-2	-6	-7	-4	-5
2	3	■	1	-7	6	5	-4
3	2	-1	-1	5	-4	-7	6
4	6	7	-5	■	-3	1	2
5	7	-6	4	3	■	-2	1
6	4	-5	7	-1	2	-1	-3
7	5	4	-6	-2	-1	3	-1

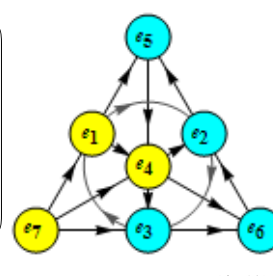
E8H218 Flip {(1, 2, 4), (1, 3, 5), (1, 6, 7), (2, 6, 3), (2, 5, 7), (3, 7, 4), (4, 5, 6)}

No Flip {(1, 2, 3), (1, 4, 6), (1, 5, 7), (2, 7, 4), (2, 5, 6), (3, 5, 4), (3, 6, 7)}



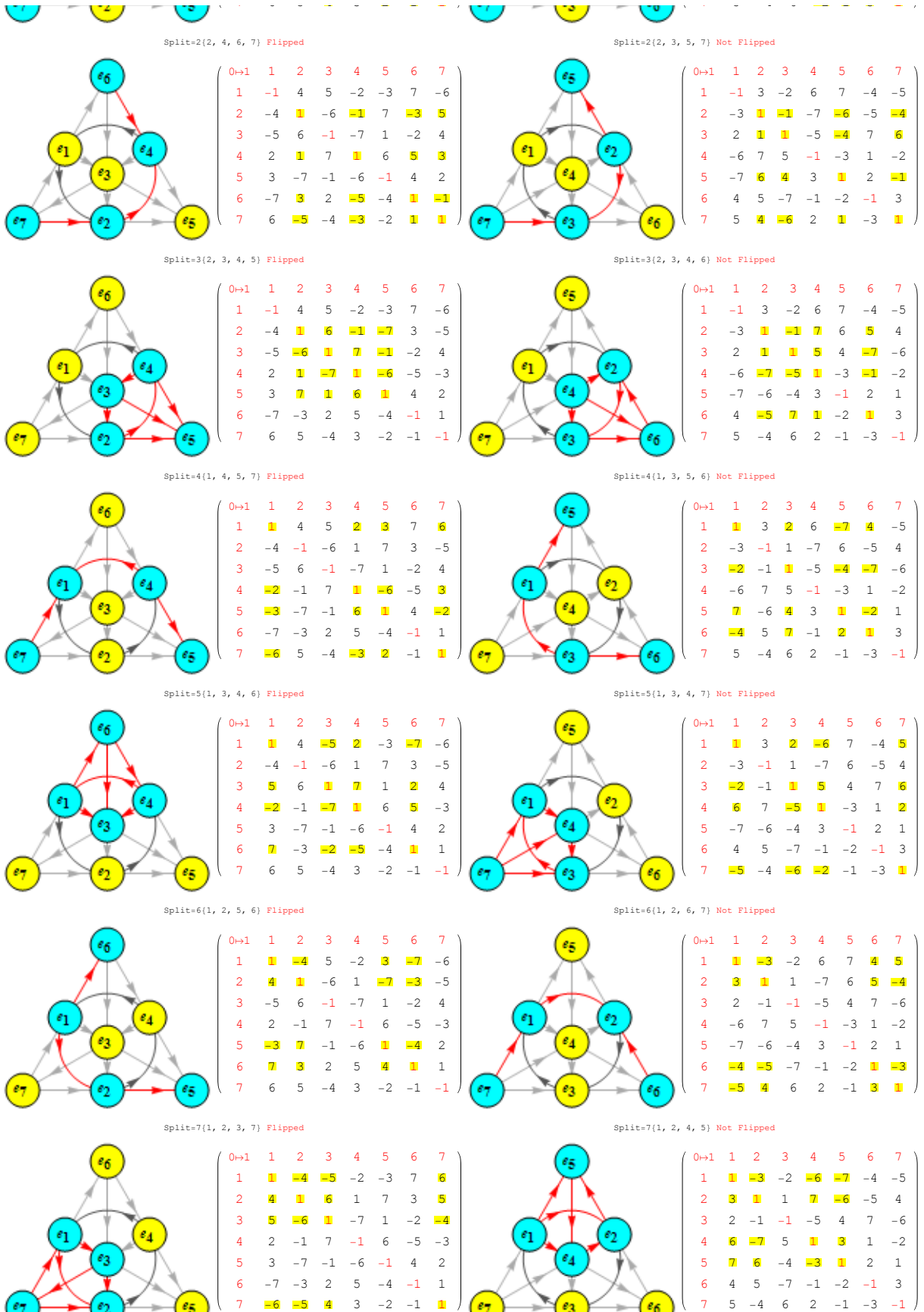
Split=1(3, 5, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	-1	-6	1	7	3	-5
3	-5	6	■	-7	-1	2	-4
4	2	-1	7	-1	6	-5	-3
5	3	-7	■	-6	■	-4	-2
6	-7	-3	-2	5	4	■	-1
7	6	5	4	3	2	■	■



Split=1(4, 5, 6, 7) Not Flipped

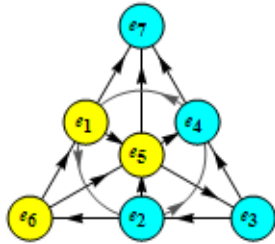
0→1	1	2	3	4	5	6	7
1	-1	3	-2	6	7	-4	-5
2	-3	-1	1	-7	6	-5	4
3	2	-1	-1	-5	4	7	-6
4	-6	7	5	■	3	-1	2
5	-7	-6	-4	-3	■	-2	-1
6	4	5	-7	■	2	■	-3
7	5	-4	6	-2	■	3	■





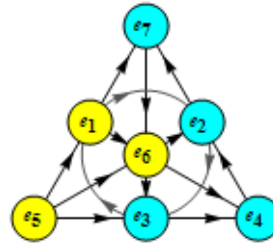
EBH167 Flip  $\{(1, 2, 4), (1, 5, 3), (1, 7, 6), (2, 6, 3), (2, 5, 7), (3, 4, 7), (4, 6, 5)\}$

No Flip  $\{(1, 2, 3), (1, 6, 4), (1, 7, 5), (2, 7, 4), (2, 5, 6), (3, 4, 5), (3, 7, 6)\}$



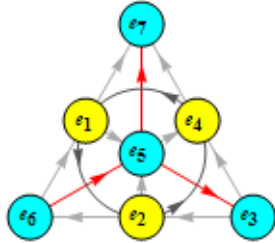
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	-7	6
2	-4	-1	-6	1	7	3	-5
3	5	6	-1	7	-1	-2	-4
4	2	-1	-7	-1	-6	5	3
5	-3	-7	1	6	-1	-4	2
6	7	-3	2	-5	4	-1	-1
7	-6	5	4	-3	-2	1	-1

Split=1(3, 5, 6, 7) Flipped



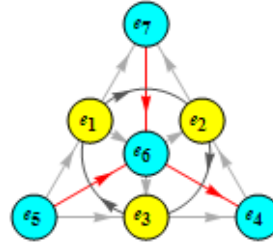
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	-1	1	-7	6	-5	4
3	2	-1	-1	5	-4	-7	6
4	6	7	-5	-1	3	-1	-2
5	7	-6	4	-3	-1	2	-1
6	-4	5	7	1	-2	-1	-3
7	-5	-4	-6	2	1	3	-1

Split=1(4, 5, 6, 7) Not Flipped



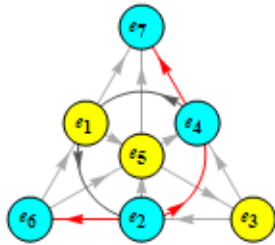
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	-7	6
2	-4	-1	-6	1	7	3	-5
3	5	6	7	1	2	4	
4	2	-1	-7	-1	-6	5	3
5	-3	-7	-1	6	1	4	-2
6	7	-3	-2	-5	-4	1	1
7	-6	5	-4	-3	2	-1	1

Split=2(2, 4, 6, 7) Flipped



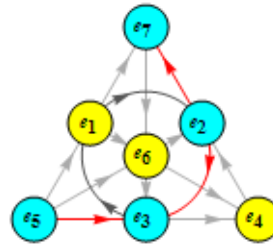
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	-1	1	-7	6	-5	4
3	2	-1	-1	5	-4	-7	6
4	6	7	-5	1	-3	1	2
5	7	-6	4	3	1	-2	1
6	-4	5	7	-1	2	1	3
7	-5	-4	-6	-2	-1	-3	1

Split=2(2, 3, 5, 7) Not Flipped



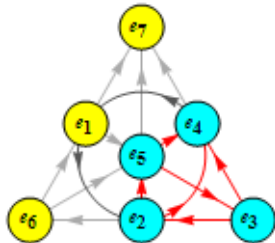
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	-7	6
2	-4	1	-6	-1	7	-3	5
3	5	6	-1	7	-1	-2	-4
4	2	1	-7	1	-6	-5	-3
5	-3	-7	1	6	-1	-4	2
6	7	-3	2	5	4	1	1
7	-6	-5	4	3	-2	-1	1

Split=3(2, 3, 4, 5) Flipped



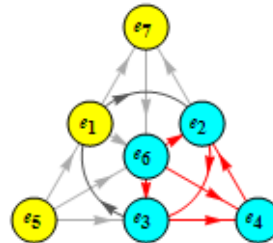
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	1	-1	-7	-6	-5	-4
3	2	1	1	5	4	-7	-6
4	6	7	-5	-1	3	-1	-2
5	7	-6	-4	-3	1	2	1
6	-4	5	7	1	-2	-1	-3
7	-5	4	6	2	-1	3	1

Split=3(2, 3, 4, 6) Not Flipped



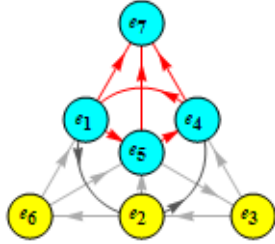
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	-7	6
2	-4	1	-6	-1	-7	3	-5
3	5	-6	1	-7	1	-2	-4
4	2	1	7	1	6	5	3
5	-3	7	-1	-6	1	-4	2
6	7	-3	2	-5	4	-1	-1
7	-6	5	4	-3	-2	1	-1

Split=4(1, 4, 5, 7) Flipped



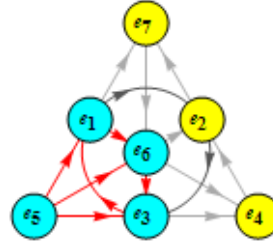
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-6	-7	4	5
2	-3	1	-1	7	6	5	4
3	2	1	1	-5	-4	7	6
4	6	-7	5	1	3	1	-2
5	7	-6	4	-3	-1	2	-1
6	-4	-5	-7	-1	-2	1	-3
7	-5	-4	-6	2	1	3	-1

Split=4(1, 3, 5, 6) Not Flipped



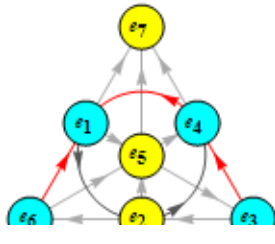
0→1	1	2	3	4	5	6	7
1	1	4	-5	2	-3	-7	-6
2	-4	-1	-6	1	7	3	-5
3	5	6	-1	7	-1	-2	-4
4	-2	-1	-7	1	6	5	-3
5	3	-7	1	-6	1	-4	-2
6	7	-3	2	-5	4	-1	-1
7	6	5	4	3	2	1	1

Split=5(1, 3, 4, 6) Flipped

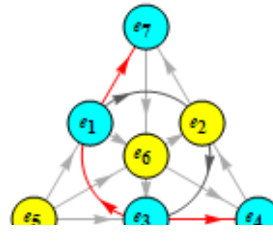


0→1	1	2	3	4	5	6	7
1	1	3	2	-6	7	-4	5
2	-3	-1	1	-7	6	-5	4
3	-2	-1	1	5	4	7	6
4	6	7	-5	-1	3	-1	-2
5	7	-6	-4	-3	1	-2	-1
6	4	5	-7	1	2	1	-3
7	-5	-4	-6	2	1	3	-1

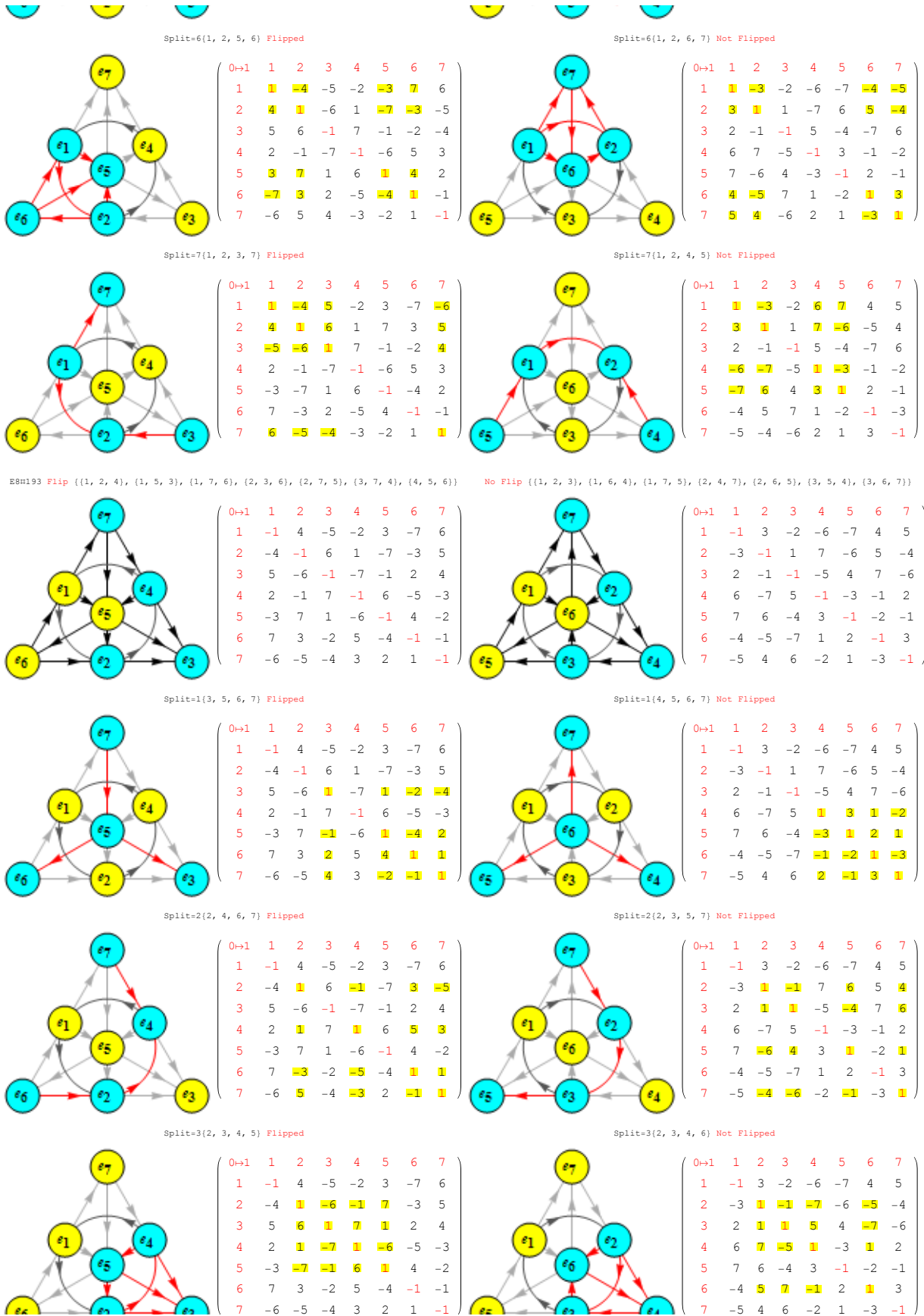
Split=5(1, 3, 4, 7) Not Flipped

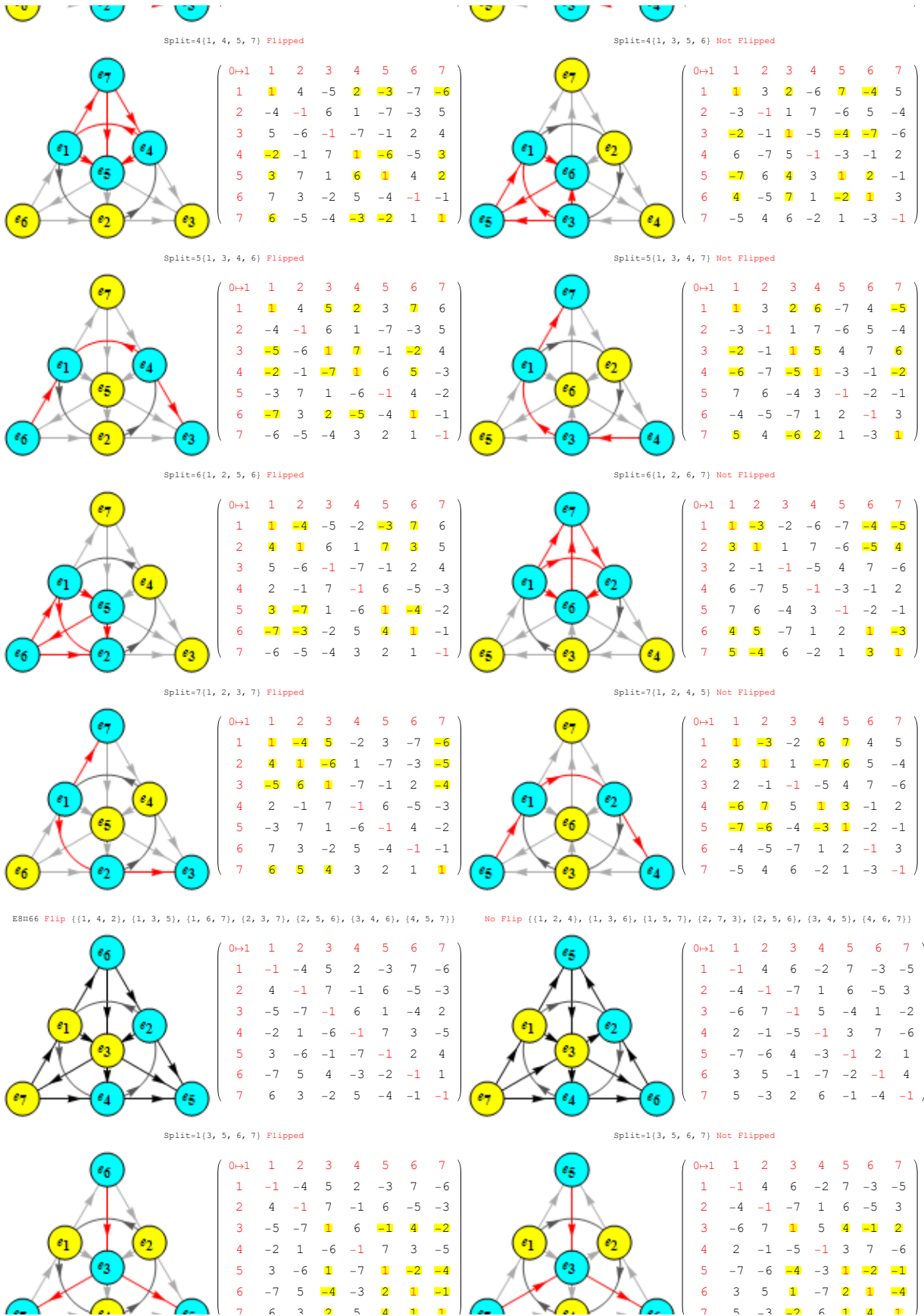


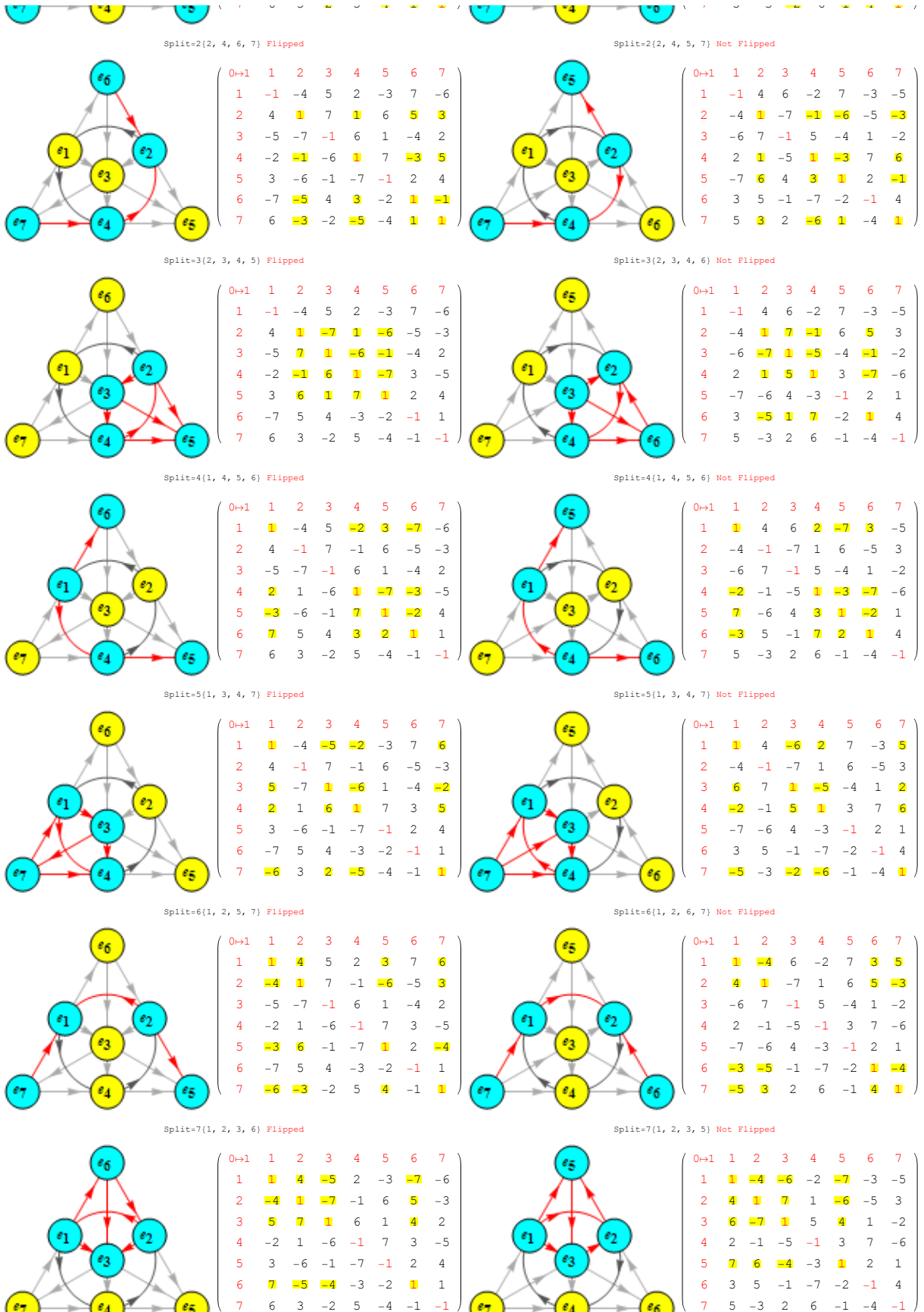
0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	7	6
2	-4	-1	-6	1	7	3	-5
3	5	6	1	-7	-1	2	-4
4	-2	-1	7	1	-6	-5	3
5	-3	-7	1	6	-1	-4	2
6	7	-3	-2	5	4	-1	-1
7	-6	5	4	-3	-2	1	-1



0→1	1	2	3	4	5	6	7
1	1	3	2	6	-7	4	-5
2	-3	-1	1	-7	6	-5	4
3	-2	-1	1	-5	-4	-7	-6
4	-6	7	5	1	3	-1	2
5	7	-6	4	-3	-1	2	-1
6	-4	5	7	1	-2	-1	-3
7	5	-4	6	-2	1	3	1

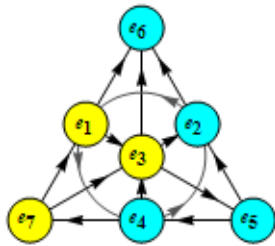






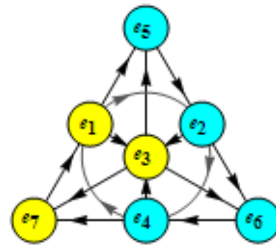
BB80 Flip  $\{(1, 4, 2), (1, 3, 5), (1, 6, 7), (2, 7, 3), (2, 6, 5), (3, 6, 4), (4, 7, 5)\}$

No Flip  $\{(1, 2, 4), (1, 3, 6), (1, 5, 7), (2, 3, 7), (2, 6, 5), (3, 5, 4), (4, 7, 6)\}$



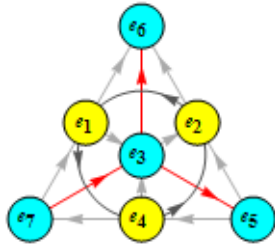
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	5	3
3	-5	7	-1	-6	1	4	-2
4	-2	1	6	-1	-7	-3	5
5	3	6	-1	7	-1	-2	-4
6	-7	-5	-4	3	2	-1	1
7	6	-3	2	-5	4	-1	-1

Split=1(3, 5, 6, 7) Flipped



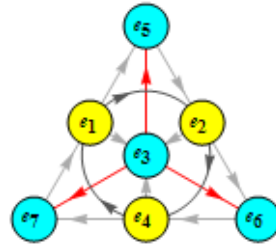
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	1	-6	5	-3
3	-6	-7	-1	-5	4	1	2
4	2	-1	5	-1	-3	-7	6
5	-7	6	-4	3	-1	-2	1
6	3	-5	-1	7	2	-1	-4
7	5	3	-2	-6	-1	4	-1

Split=1(3, 5, 6, 7) Not Flipped



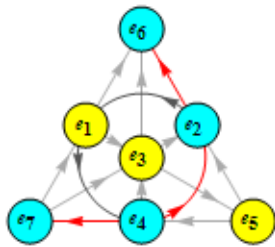
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	5	3
3	-5	7	-1	-6	-1	4	2
4	-2	1	6	-1	-7	-3	5
5	3	6	-1	7	-1	2	4
6	-7	-5	-4	3	-2	-1	1
7	6	-3	-2	-5	-4	1	1

Split=2(2, 4, 6, 7) Flipped



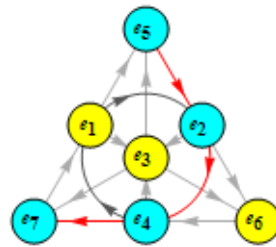
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	1	-6	5	-3
3	-6	-7	-1	-5	-4	-1	2
4	2	-1	5	-1	-3	-7	6
5	-7	6	4	3	-1	2	-1
6	3	-5	1	7	-2	1	4
7	5	3	-2	-6	1	-4	1

Split=2(2, 4, 6, 7) Not Flipped



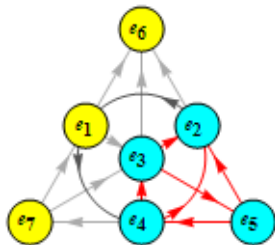
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	-5	3
3	-5	7	-1	-6	1	4	-2
4	-2	1	6	-1	-7	3	-5
5	3	6	-1	7	-1	-2	-4
6	-7	-5	-4	3	2	-1	1
7	6	3	2	5	4	1	1

Split=3(2, 3, 4, 5) Flipped



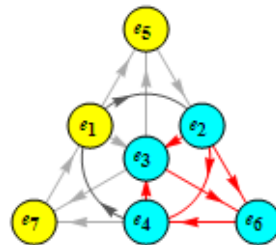
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	-1	6	5	3
3	-6	-7	-1	-5	4	1	2
4	2	1	5	1	3	-7	-6
5	-7	-6	-4	-3	1	-2	-1
6	3	-5	-1	7	2	-1	-4
7	5	-3	-2	6	1	4	1

Split=3(2, 3, 4, 5) Not Flipped



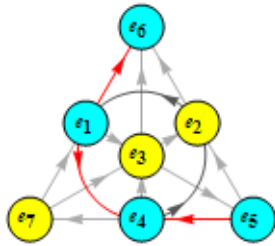
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	5	3
3	-5	7	-1	-6	-1	4	-2
4	-2	1	6	-1	-7	3	5
5	3	6	-1	7	-1	-2	-4
6	-7	-5	-4	3	2	-1	1
7	6	-3	2	-5	4	-1	-1

Split=4(1, 4, 5, 6) Flipped



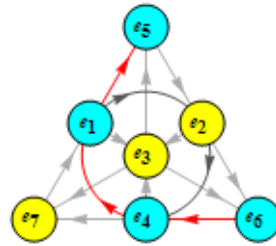
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	-1	-6	-5	-3
3	-6	-7	-1	-5	4	-1	2
4	2	1	5	1	-3	7	6
5	-7	6	-4	3	-1	-2	1
6	3	-5	-1	7	2	-1	-4
7	5	3	-2	-6	-1	4	-1

Split=4(1, 4, 5, 6) Not Flipped



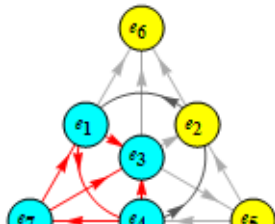
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	5	3
3	-5	7	-1	-6	1	4	-2
4	-2	1	6	-1	-7	3	5
5	3	6	-1	7	-1	-2	-4
6	-7	-5	-4	3	2	-1	1
7	6	-3	2	-5	4	-1	-1

Split=5(1, 3, 4, 7) Flipped



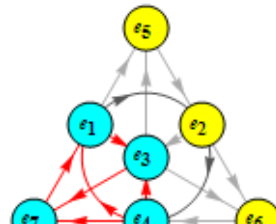
0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	1	-6	5	-3
3	-6	-7	-1	-5	4	1	2
4	-2	-1	5	1	3	7	6
5	3	6	-4	-3	-1	2	1
6	-7	-5	-1	7	2	-1	-4
7	5	3	-2	-6	-1	4	-1

Split=5(1, 3, 4, 7) Not Flipped



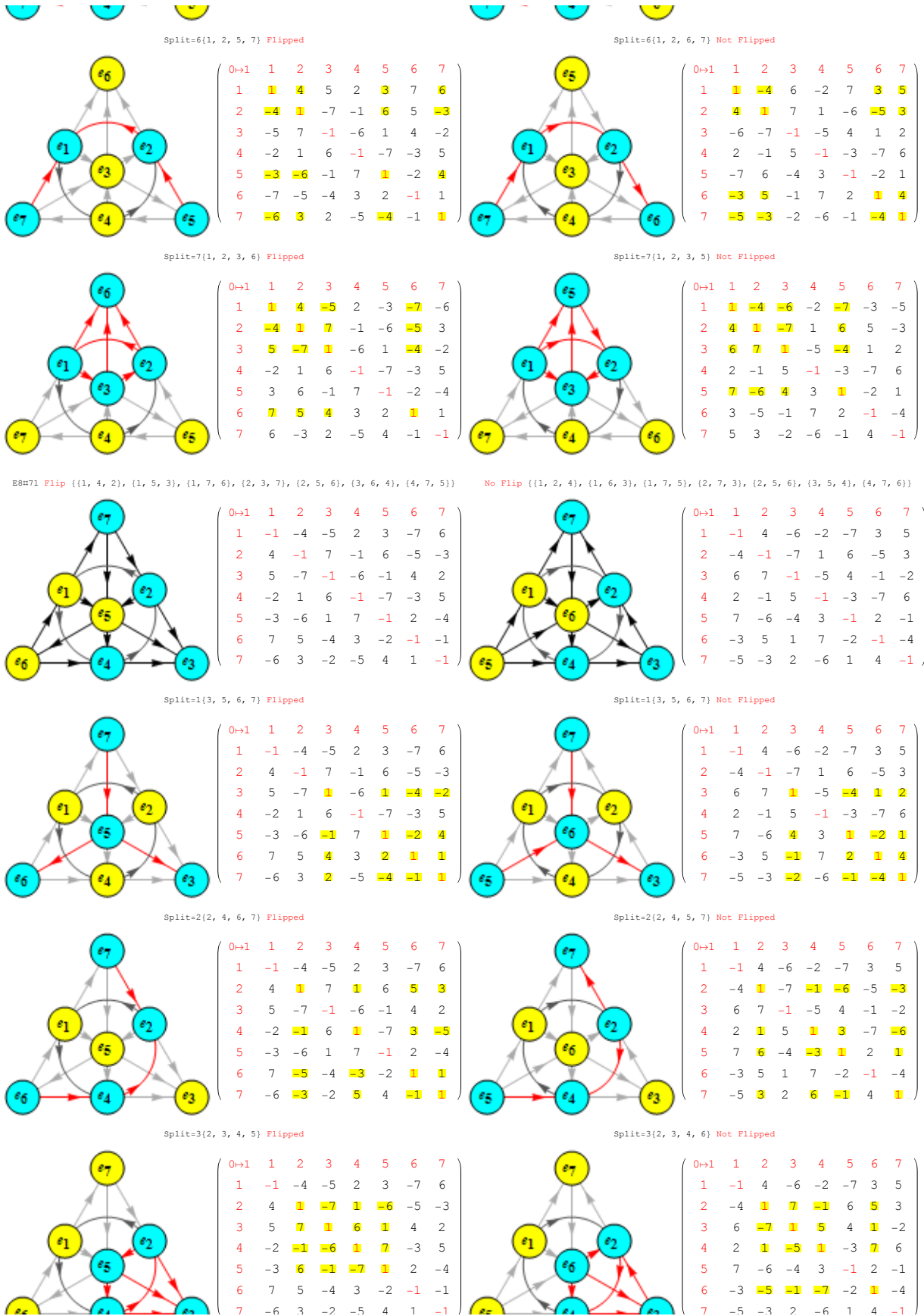
0→1	1	2	3	4	5	6	7
1	-1	-4	5	2	-3	7	-6
2	4	-1	-7	-1	-6	5	3
3	-5	7	-1	-6	1	4	2
4	-2	1	6	-1	-7	-3	-5
5	3	6	-1	7	-1	-2	-4
6	-7	-5	-4	3	2	-1	1
7	6	-3	-2	5	4	-1	1

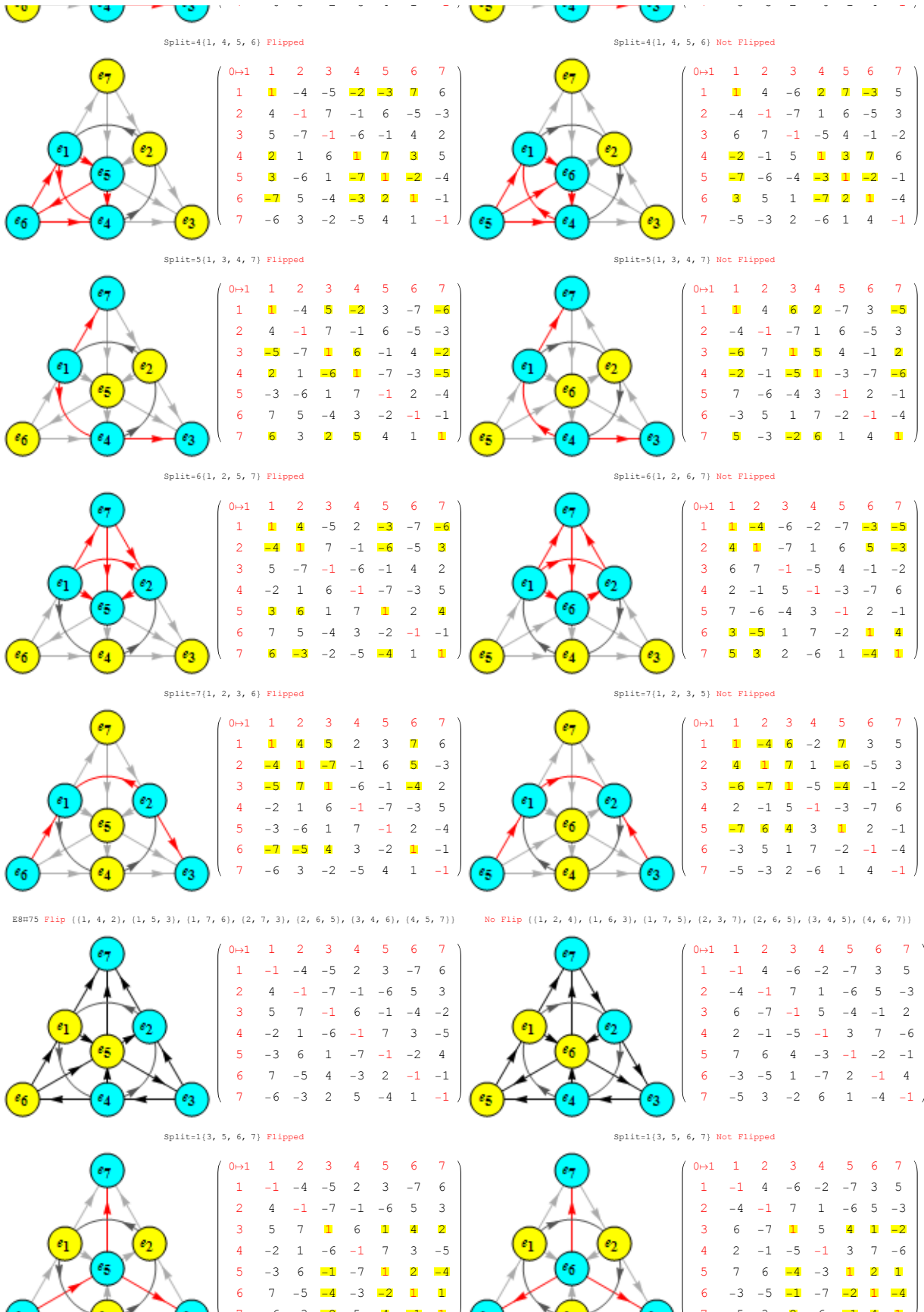
Split=6(1, 3, 4, 7) Flipped

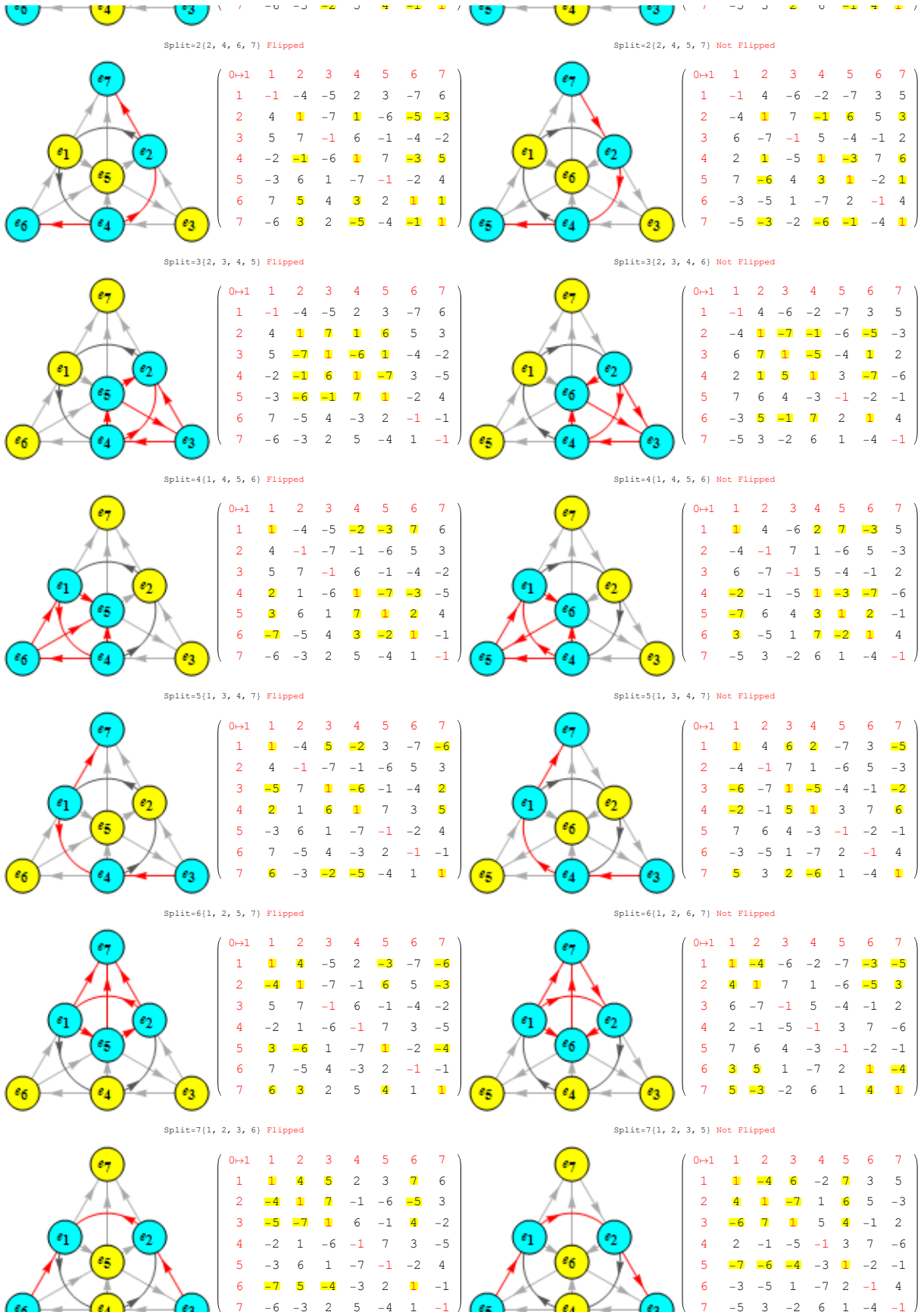


0→1	1	2	3	4	5	6	7
1	-1	4	6	-2	7	-3	-5
2	-4	-1	7	1	-6	5	-3
3	-6	-7	-1	-5	4	1	-2
4	-2	-1	5	1	-3	-7	-6
5	-7	6	-4	3	-1	-2	1
6	3	-5	-1	7	2	-1	-4
7	5	3	-2	-6	-1	4	1

Split=6(1, 3, 4, 7) Not Flipped

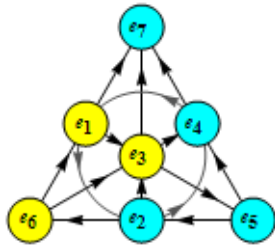








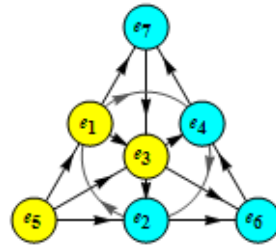
ESB60 Flip  $\{(1, 2, 4), (1, 3, 5), (1, 7, 6), (2, 3, 7), (2, 6, 5), (3, 4, 6), (4, 7, 5)\}$



0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	-1	7	1	-6	5	-3
3	-5	-7	-1	6	1	-4	2
4	2	-1	-6	-1	-7	3	5
5	3	6	-1	7	-1	-2	-4
6	7	-5	4	-3	2	-1	-1
7	-6	3	-2	-5	4	1	-1

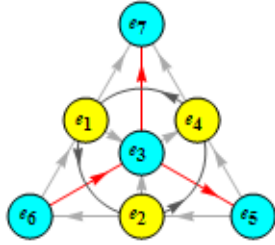
Split=1(3, 5, 6, 7) Flipped

No Flip  $\{(1, 4, 2), (1, 3, 6), (1, 7, 5), (2, 7, 3), (2, 6, 5), (3, 4, 5), (4, 7, 6)\}$



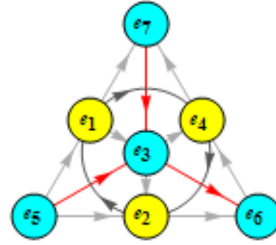
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	-1	-7	-1	-6	5	3
3	-6	7	-1	5	-4	1	-2
4	-2	1	-5	-1	3	-7	6
5	7	6	4	-3	-1	-2	-1
6	3	-5	-1	7	2	-1	-4
7	-5	-3	2	-6	1	4	-1

Split=1(3, 5, 6, 7) Not Flipped



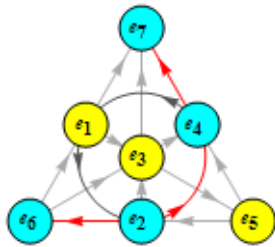
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	-1	7	1	-6	5	-3
3	-5	-7	■	6	-1	4	-2
4	2	-1	-6	-1	-7	3	5
5	3	6	■	7	■	2	4
6	7	-5	-4	-3	-2	■	■
7	-6	3	■	-5	-4	-1	■

Split=2(2, 4, 6, 7) Flipped



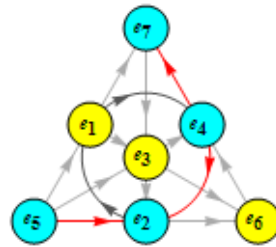
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	-1	-7	-1	-6	5	3
3	-6	7	■	5	4	-1	2
4	-2	1	-5	-1	3	-7	6
5	7	6	-4	-3	■	2	■
6	3	-5	■	7	-2	■	4
7	-5	-3	-2	-6	-1	-4	■

Split=2(2, 4, 6, 7) Not Flipped



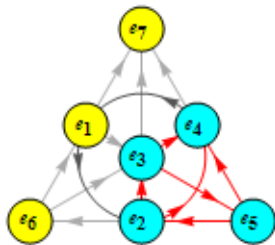
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	■	7	-1	-6	-5	3
3	-5	-7	-1	6	1	-4	2
4	2	■	-6	■	-7	-3	-5
5	3	6	-1	7	-1	-2	-4
6	7	5	4	3	2	■	■
7	-6	-3	-2	5	4	-1	■

Split=3(2, 3, 4, 5) Flipped



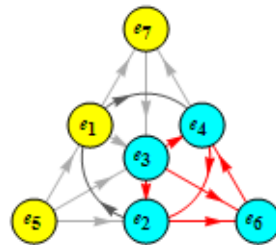
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	■	-7	■	6	5	-3
3	-6	7	-1	5	-4	1	-2
4	-2	-1	-5	■	-3	-7	-6
5	7	-6	4	3	■	-2	■
6	3	-5	-1	7	2	-1	-4
7	-5	3	2	6	-1	4	■

Split=3(2, 3, 4, 5) Not Flipped



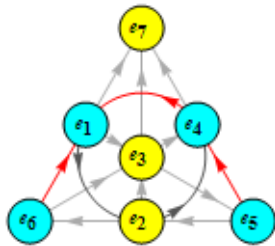
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	-7	6
2	-4	■	-7	-1	6	5	-3
3	-5	7	■	-6	-1	-4	2
4	2	■	6	■	7	3	5
5	3	-6	■	-7	■	-2	-4
6	7	-5	4	3	2	-1	-1
7	-6	3	-2	-5	4	1	-1

Split=4(1, 4, 5, 6) Flipped



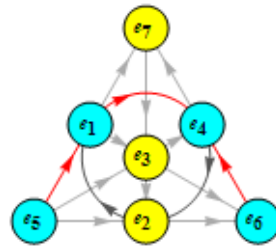
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	■	7	■	-6	-5	3
3	-6	-7	■	-5	-4	-1	-2
4	-2	-1	5	■	3	7	6
5	7	6	4	-3	-1	-2	-1
6	3	5	■	-7	2	■	-4
7	-5	-3	2	-6	1	4	-1

Split=4(1, 4, 5, 6) Not Flipped



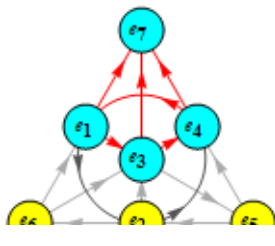
0→1	1	2	3	4	5	6	7
1	■	4	5	2	3	7	6
2	-4	-1	7	1	-6	5	-3
3	-5	-7	-1	6	1	-4	2
4	-2	-1	-6	■	7	-3	5
5	3	6	-1	-7	■	2	-4
6	7	-5	4	3	-2	■	-1
7	-6	3	-2	-5	4	1	-1

Split=5(1, 3, 4, 7) Flipped

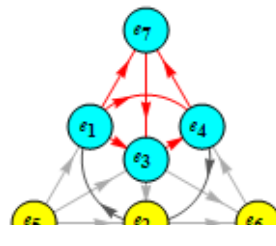


0→1	1	2	3	4	5	6	7
1	■	-4	6	-2	7	3	5
2	4	-1	-7	-1	-6	5	3
3	-6	7	-1	5	-4	1	-2
4	2	1	-5	■	-3	7	6
5	-7	6	4	3	■	2	-1
6	3	-5	-1	-7	-2	■	-4
7	-5	-3	2	-6	1	4	-1

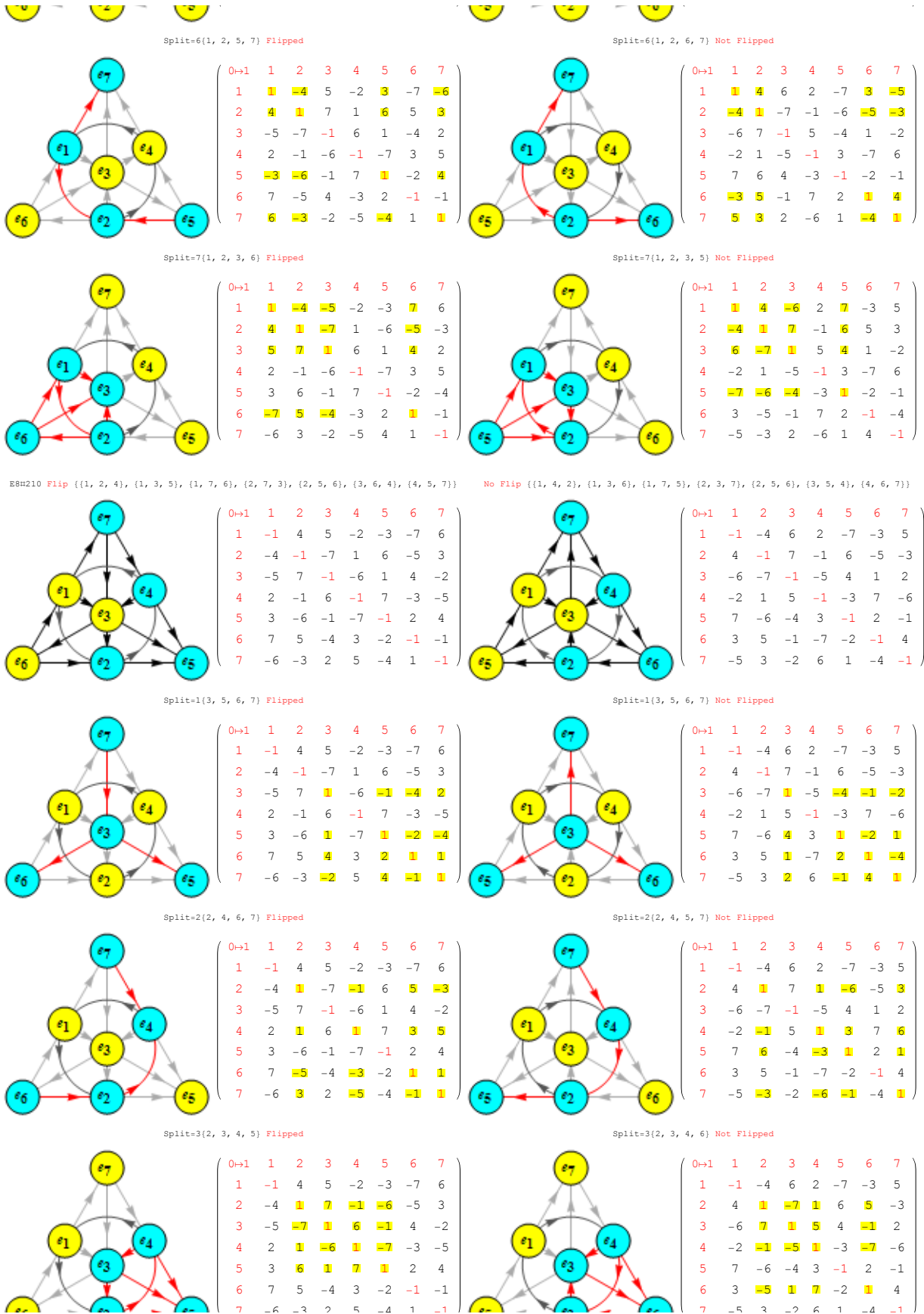
Split=5(1, 3, 4, 7) Not Flipped

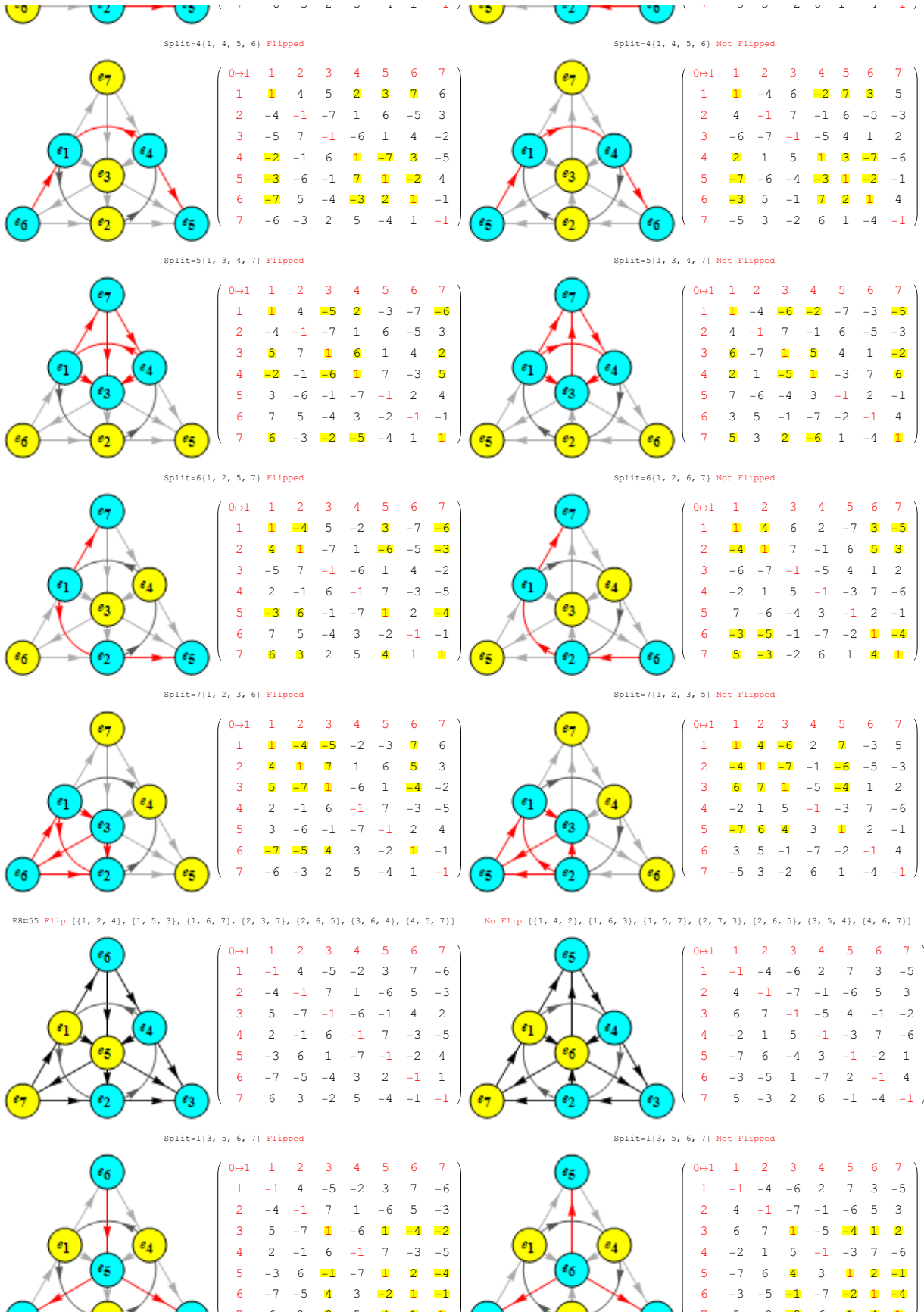


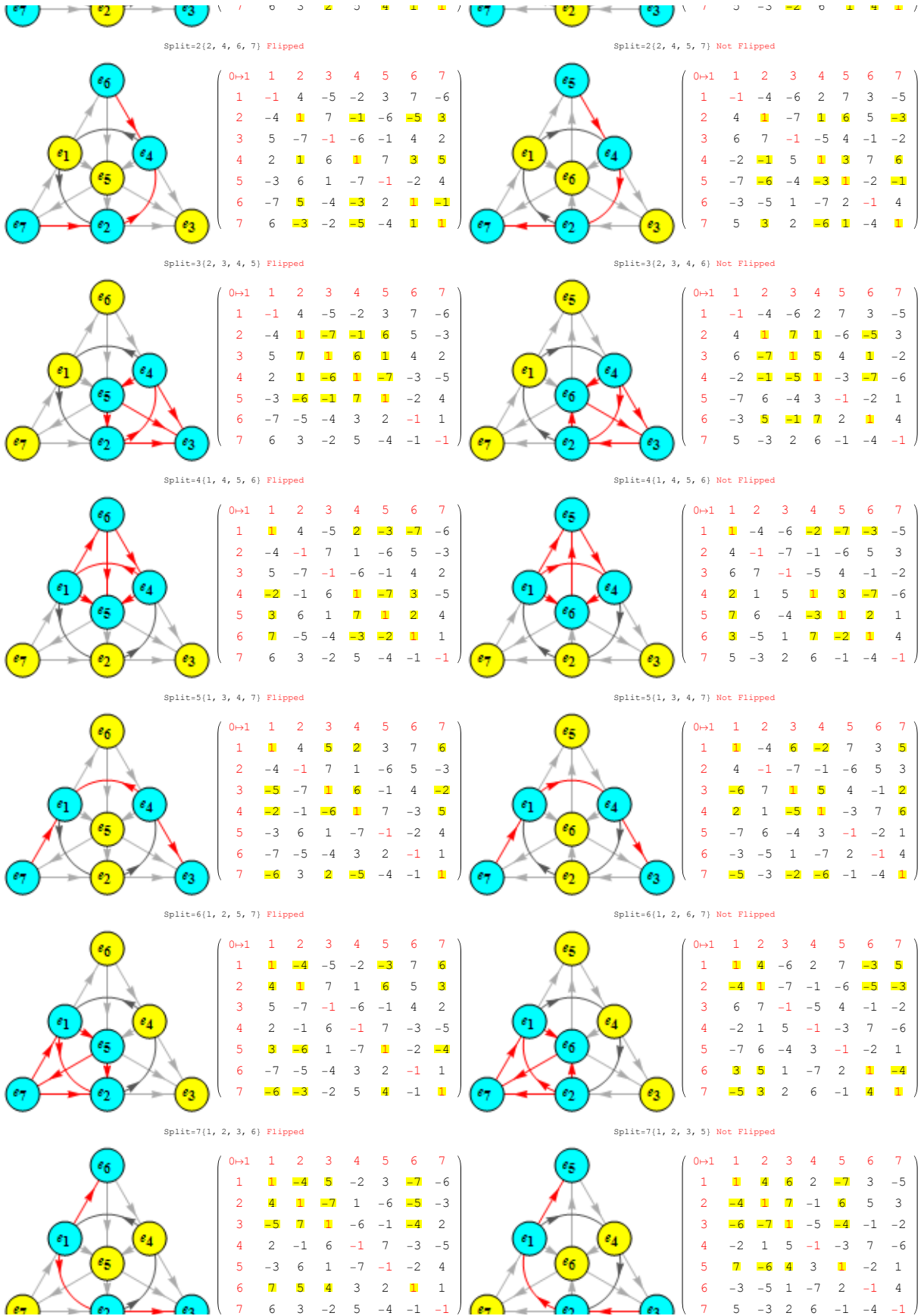
0→1	1	2	3	4	5	6	7
1	■	4	-5	2	-3	-7	-6
2	-4	-1	7	1	-6	5	-3
3	5	-7	■	-6	1	-4	-2
4	-2	-1	6	■	-7	3	-5
5	3	6	-1	7	-1	-2	-4
6	7	-5	4	-3	2	-1	-1
7	6	3	2	5	4	1	■



0→1	1	2	3	4	5	6	7
1	■	-4	-6	-2	-7	-3	-5
2	4	-1	-7	-1	-6	5	3
3	6	7	■	-5	-4	1	2
4	2	1	5	■	3	-7	-6
5	7	6	4	-3	-1	-2	-1
6	3	-5	-1	7	2	-1	-4
7	5	-3	-2	6	1	4	■



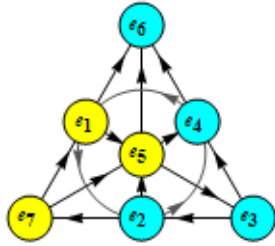






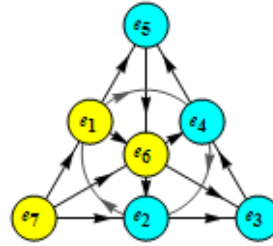
E8H215 Flip  $\{(1, 2, 4), (1, 5, 3), (1, 6, 7), (2, 7, 3), (2, 5, 6), (3, 4, 6), (4, 7, 5)\}$

No Flip  $\{(1, 4, 2), (1, 6, 3), (1, 5, 7), (2, 3, 7), (2, 5, 6), (3, 4, 5), (4, 7, 6)\}$



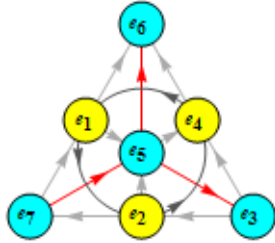
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	-1	-7	1	6	-5	3
3	5	7	-1	6	-1	-4	-2
4	2	-1	-6	-1	-7	3	5
5	-3	-6	1	7	-1	2	-4
6	-7	5	4	-3	-2	-1	1
7	6	-3	2	-5	4	-1	-1

Split=1(3, 5, 6, 7) Flipped



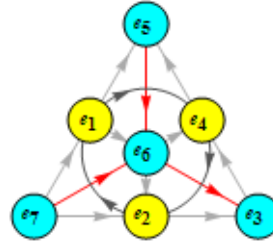
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	7	-1	6	-5	-3
3	6	-7	-1	5	-4	-1	2
4	-2	1	-5	-1	3	-7	6
5	-7	-6	4	-3	-1	2	1
6	-3	5	1	7	-2	-1	-4
7	5	3	-2	-6	-1	4	-1

Split=1(3, 5, 6, 7) Not Flipped



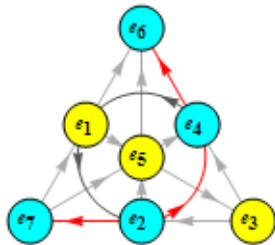
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	-1	-7	1	6	-5	3
3	5	7	■	6	■	■	■
4	2	-1	-6	-1	-7	3	5
5	-3	-6	-1	7	■	-2	4
6	-7	5	-4	-3	2	■	-1
7	6	-3	-2	-5	-4	■	■

Split=2(2, 4, 6, 7) Flipped



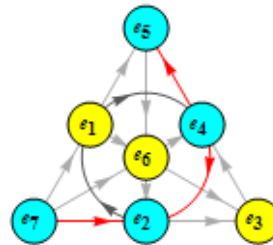
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	7	-1	6	-5	-3
3	6	-7	■	5	4	■	-2
4	-2	1	-5	-1	3	-7	6
5	-7	-6	-4	-3	■	-2	■
6	-3	5	-1	7	2	■	4
7	5	3	2	-6	■	-4	■

Split=2(2, 4, 6, 7) Not Flipped



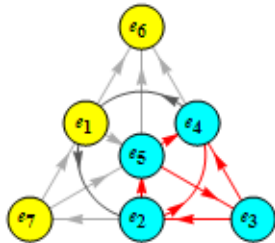
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	■	-7	■	6	5	-3
3	5	7	-1	6	-1	-4	-2
4	2	■	-6	■	-7	-3	-5
5	-3	-6	1	7	-1	2	-4
6	-7	-5	4	3	-2	■	-1
7	6	3	2	5	4	■	■

Split=3(2, 3, 4, 5) Flipped



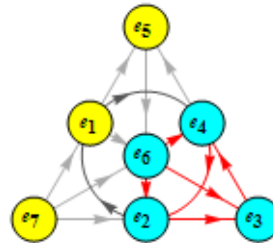
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	■	7	■	-6	-5	3
3	6	-7	-1	5	-4	-1	2
4	-2	-1	-5	■	-3	-7	-6
5	-7	6	4	3	■	2	-1
6	-3	5	1	7	-2	-1	-4
7	5	-3	-2	6	■	4	■

Split=3(2, 3, 4, 5) Not Flipped



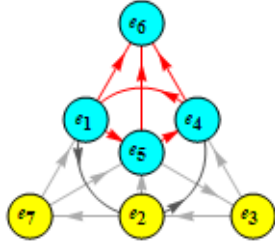
0→1	1	2	3	4	5	6	7
1	-1	4	-5	-2	3	7	-6
2	-4	■	7	-1	-6	-5	3
3	5	-7	■	6	■	-4	-2
4	2	■	6	■	7	3	5
5	-3	6	-1	-7	■	2	-4
6	-7	5	4	-3	-2	-1	1
7	6	-3	2	-5	4	-1	-1

Split=4(1, 4, 5, 6) Flipped



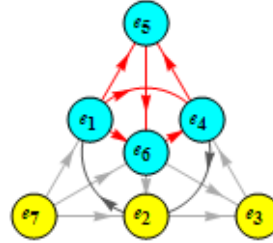
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	■	-7	■	6	5	-3
3	6	7	■	-5	-4	■	2
4	-2	-1	5	■	3	7	6
5	-7	-6	4	-3	-1	2	1
6	-3	-5	-1	-7	-2	■	-4
7	5	3	-2	-6	-1	4	-1

Split=4(1, 4, 5, 6) Not Flipped



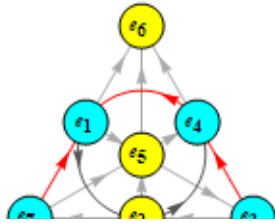
0→1	1	2	3	4	5	6	7
1	■	4	-5	2	-3	-7	-6
2	-4	-1	-7	1	6	-5	3
3	5	7	-1	6	-1	-4	-2
4	-2	-1	-6	■	7	-3	5
5	3	-6	1	-7	■	-2	-4
6	7	5	4	3	2	■	1
7	6	-3	2	-5	4	-1	-1

Split=5(1, 3, 4, 7) Flipped

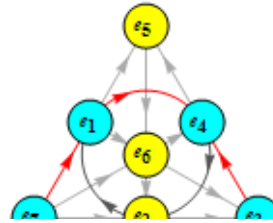


0→1	1	2	3	4	5	6	7
1	■	-4	-6	-2	-7	-3	-5
2	4	-1	7	-1	6	-5	-3
3	6	-7	-1	5	-4	-1	2
4	2	1	-5	■	-3	7	6
5	7	-6	4	3	■	-2	1
6	3	5	1	-7	2	■	-4
7	5	3	-2	-6	-1	4	-1

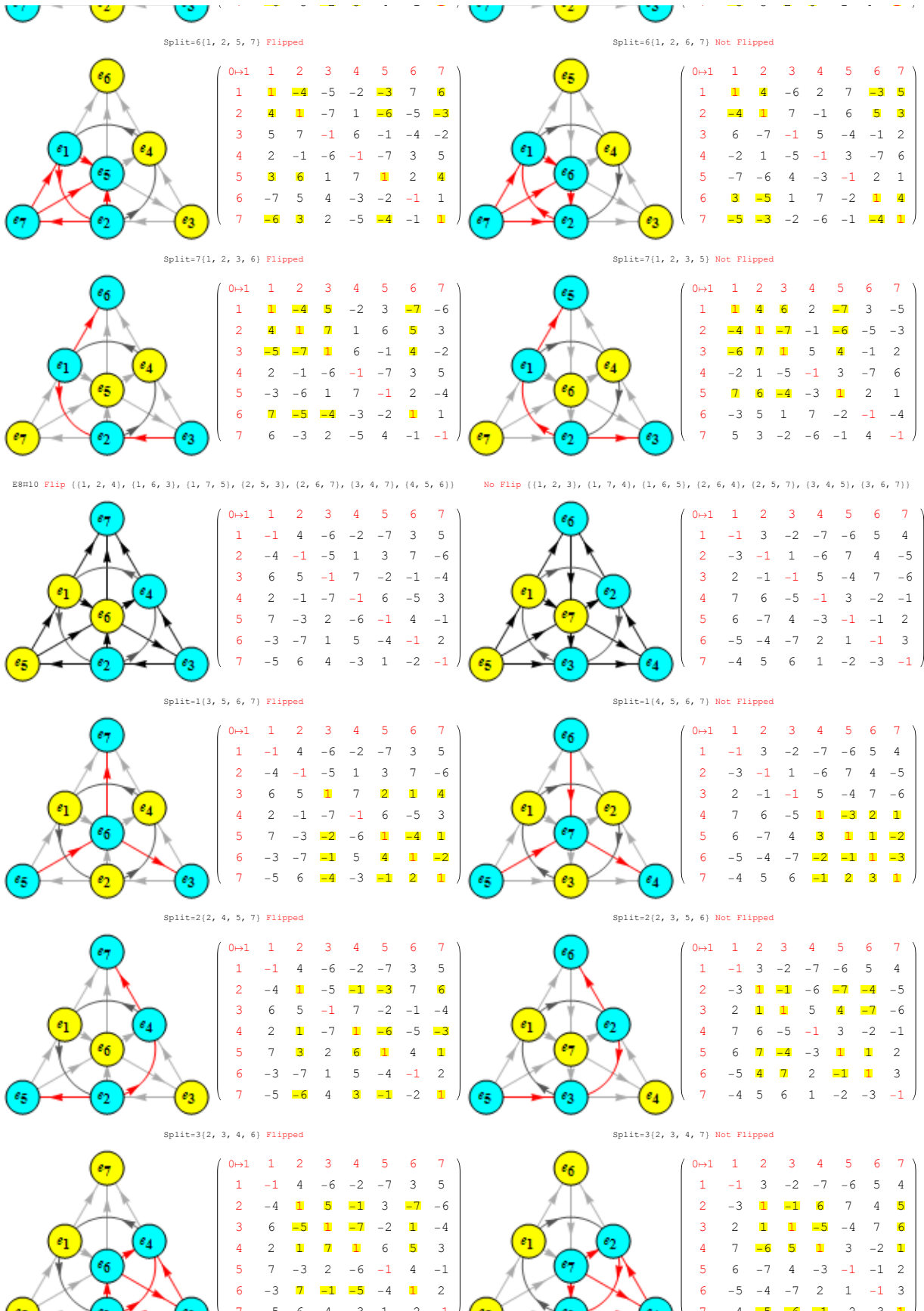
Split=5(1, 3, 4, 7) Not Flipped

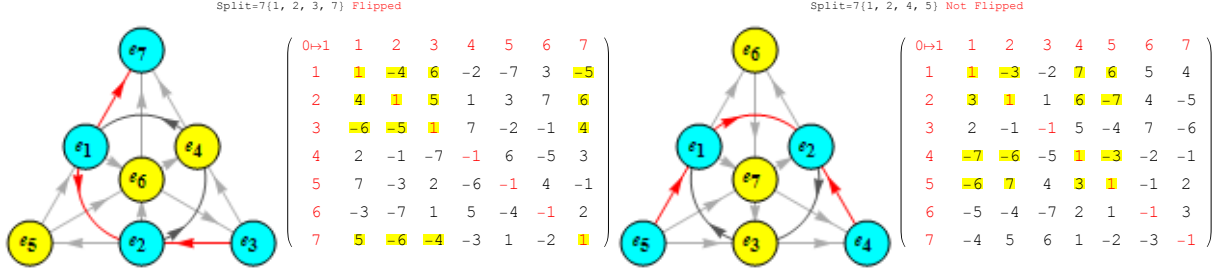
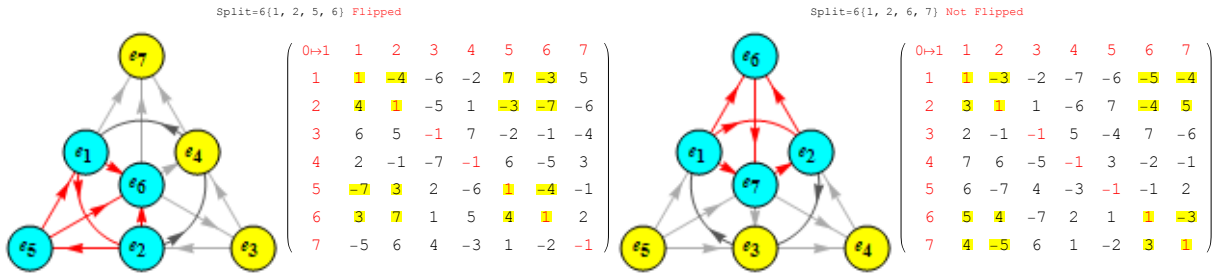
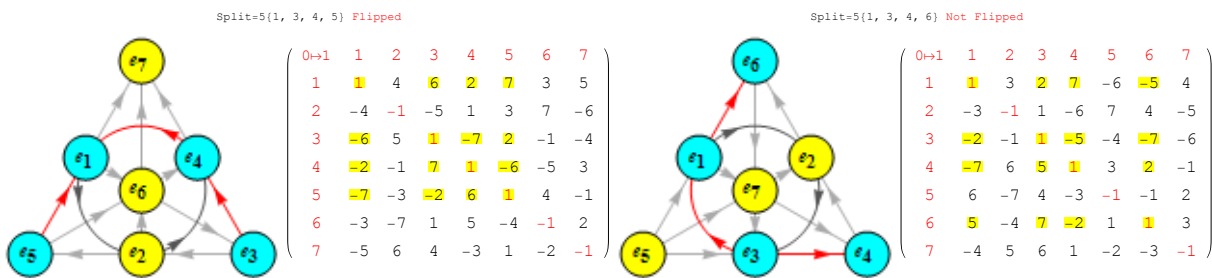
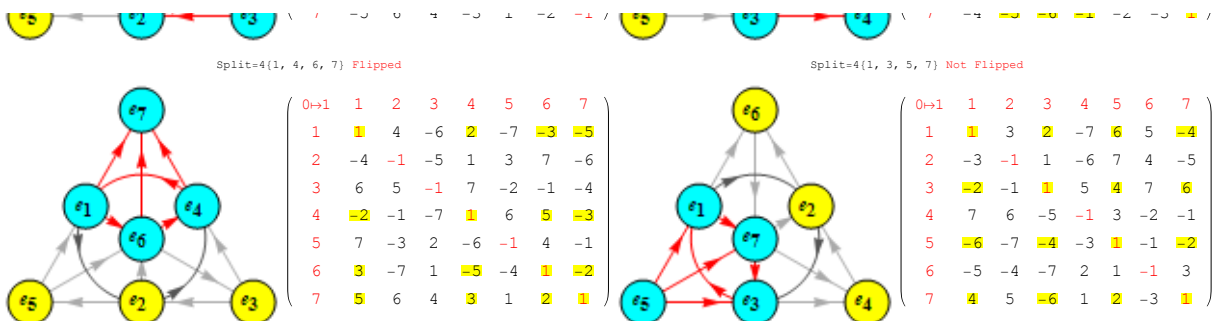


0→1	1	2	3	4	5	6	7
1	■	4	5	2	3	7	6
2	-4	-1	-7	1	6	-5	3
3	-5	7	■	-6	-1	-4	2
4	-2	-1	6	■	-7	3	-5
5	-3	-6	1	7	-1	2	-4
6	-7	5	4	-3	-2	-1	1
7	-6	-3	-2	5	4	-1	■

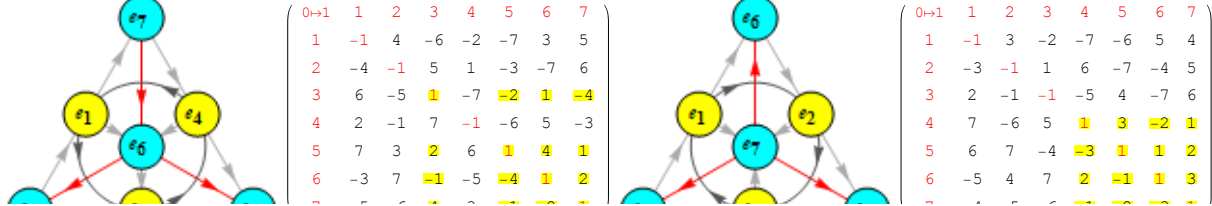
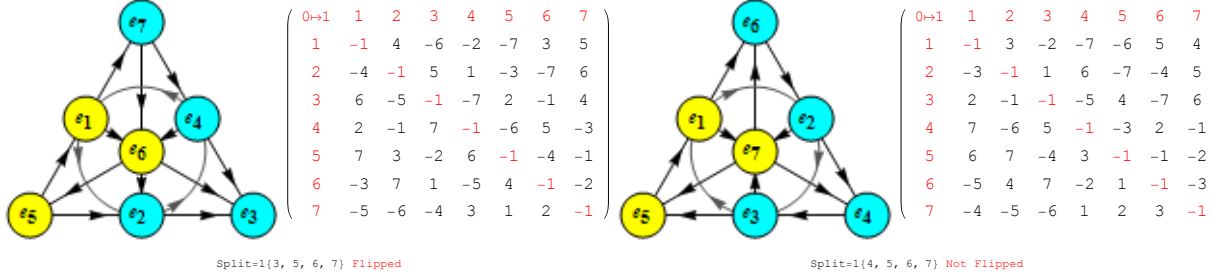


0→1	1	2	3	4	5	6	7
1	■	-4	6	-2	7	3	5
2	4	-1	7	-1	6	-5	-3
3	-6	-7	■	-5	-4	-1	-2
4	2	1	5	■	3	-7	-6
5	-7	-6	4	-3	-1	2	1
6	-3	5	1	7	-2	-1	-4
7	-5	3	2	6	-1	4	■



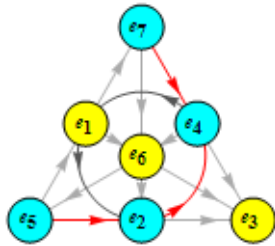


EBH163 Flip {(1, 2, 4), (1, 6, 3), (1, 7, 5), (2, 3, 5), (2, 7, 6), (3, 7, 4), (4, 6, 5)} No Flip {(1, 2, 3), (1, 7, 4), (1, 6, 5), (2, 4, 6), (2, 7, 5), (3, 5, 4), (3, 7, 6)}



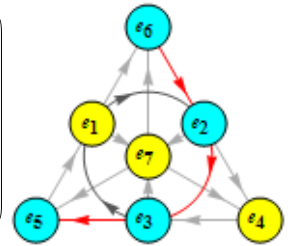


Split=2(2, 4, 5, 7) Flipped



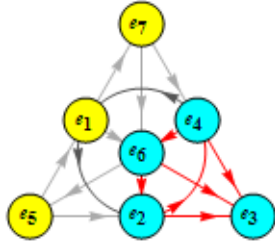
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	-7	3	5
2	-4	1	5	-1	3	-7	-6
3	6	-5	-1	-7	2	-1	4
4	2	1	7	1	6	5	3
5	7	-3	-2	-6	1	-4	1
6	-3	7	1	-5	4	-1	-2
7	-5	6	-4	-3	-1	2	1

Split=2(2, 3, 5, 6) Not Flipped



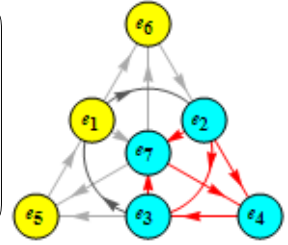
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	1	-1	6	7	4	5
3	2	1	1	-5	-4	7	6
4	7	-6	5	-1	-3	2	-1
5	6	-7	4	3	1	1	-2
6	-5	-4	-7	-2	-1	1	-3
7	-4	-5	-6	1	2	3	-1

Split=3(2, 3, 4, 6) Flipped



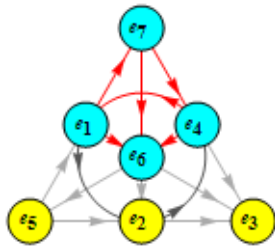
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	-7	3	5
2	-4	1	-5	-1	-3	7	6
3	6	5	1	7	2	1	4
4	2	1	-7	1	-6	-5	-3
5	7	3	-2	6	-1	-4	-1
6	-3	-7	-1	5	4	1	-2
7	-5	-6	-4	3	1	2	-1

Split=3(2, 3, 4, 7) Not Flipped



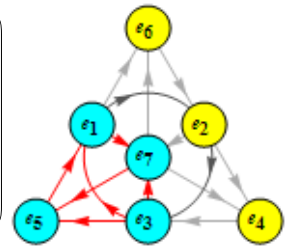
0→1	1	2	3	4	5	6	7
1	-1	3	-2	-7	-6	5	4
2	-3	1	-1	-6	-7	-4	-5
3	2	1	1	5	4	-7	-6
4	7	6	-5	1	-3	2	1
5	6	7	-4	3	-1	-1	-2
6	-5	4	7	-2	1	-1	-3
7	-4	5	6	-1	2	3	1

Split=4(1, 4, 6, 7) Flipped



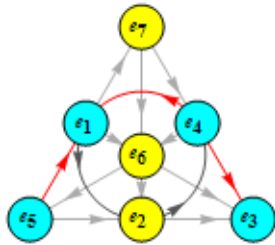
0→1	1	2	3	4	5	6	7
1	1	4	-6	2	-7	-3	-5
2	-4	-1	5	1	-3	-7	6
3	6	-5	-1	-7	2	-1	4
4	-2	-1	7	1	-6	-5	3
5	7	3	-2	6	-1	-4	-1
6	3	7	1	5	4	1	2
7	5	-6	-4	-3	1	-2	1

Split=4(1, 3, 5, 7) Not Flipped



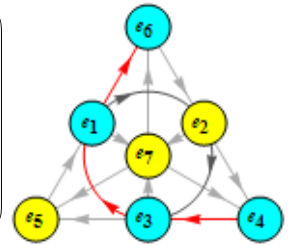
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	6	5	-4
2	-3	-1	1	6	-7	-4	5
3	-2	-1	1	-5	-4	-7	-6
4	7	-6	5	-1	-3	2	-1
5	-6	7	4	3	1	-1	2
6	-5	4	7	-2	1	-1	-3
7	4	-5	6	1	-2	3	1

Split=5(1, 3, 4, 5) Flipped



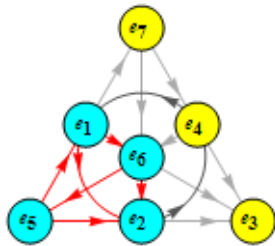
0→1	1	2	3	4	5	6	7
1	1	4	6	2	7	3	5
2	-4	-1	5	1	-3	-7	6
3	-6	-5	1	7	-2	-1	4
4	-2	-1	-7	1	6	5	-3
5	-7	3	2	-6	1	-4	-1
6	-3	7	1	-5	4	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=5(1, 3, 4, 6) Not Flipped



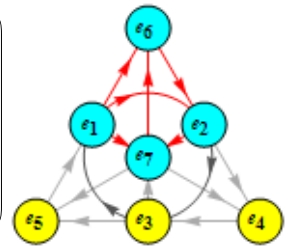
0→1	1	2	3	4	5	6	7
1	1	3	2	7	-6	-5	4
2	-3	-1	1	6	-7	-4	5
3	-2	-1	1	5	4	7	6
4	-7	-6	-5	1	-3	-2	-1
5	6	7	-4	3	-1	-1	-2
6	5	4	-7	2	1	1	-3
7	-4	-5	-6	1	2	3	-1

Split=6(1, 2, 5, 6) Flipped



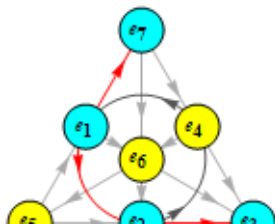
0→1	1	2	3	4	5	6	7
1	1	-4	-6	-2	7	-3	5
2	4	1	5	1	3	7	6
3	6	-5	-1	-7	2	-1	4
4	2	-1	7	-1	-6	5	-3
5	-7	-3	-2	6	1	4	-1
6	3	-7	1	-5	-4	1	-2
7	-5	-6	-4	3	1	2	-1

Split=6(1, 2, 6, 7) Not Flipped



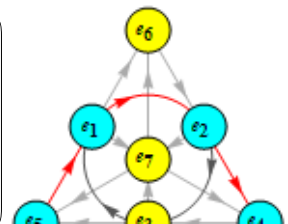
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	-6	-5	-4
2	3	1	1	6	-7	4	-5
3	2	-1	-1	-5	4	-7	6
4	7	-6	5	-1	-3	2	-1
5	6	7	-4	3	-1	-1	-2
6	5	-4	7	-2	1	1	3
7	4	5	-6	1	2	-3	1

Split=7(1, 2, 3, 7) Flipped



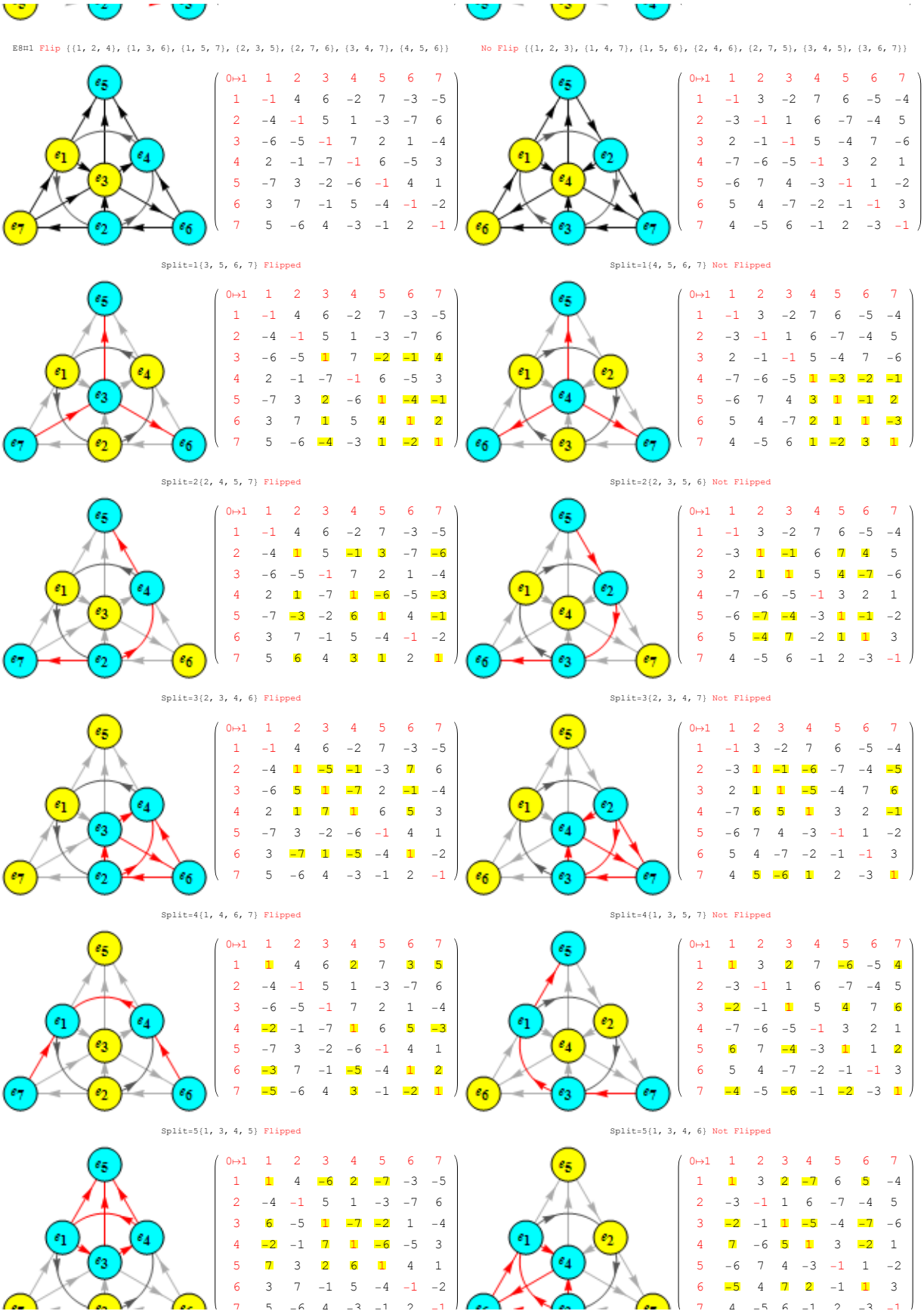
0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	-7	3	-5
2	4	1	-5	1	-3	-7	-6
3	-6	5	1	-7	2	-1	-4
4	2	-1	7	-1	-6	5	-3
5	7	3	-2	6	-1	-4	-1
6	-3	7	1	-5	4	-1	-2
7	5	6	4	3	1	2	1

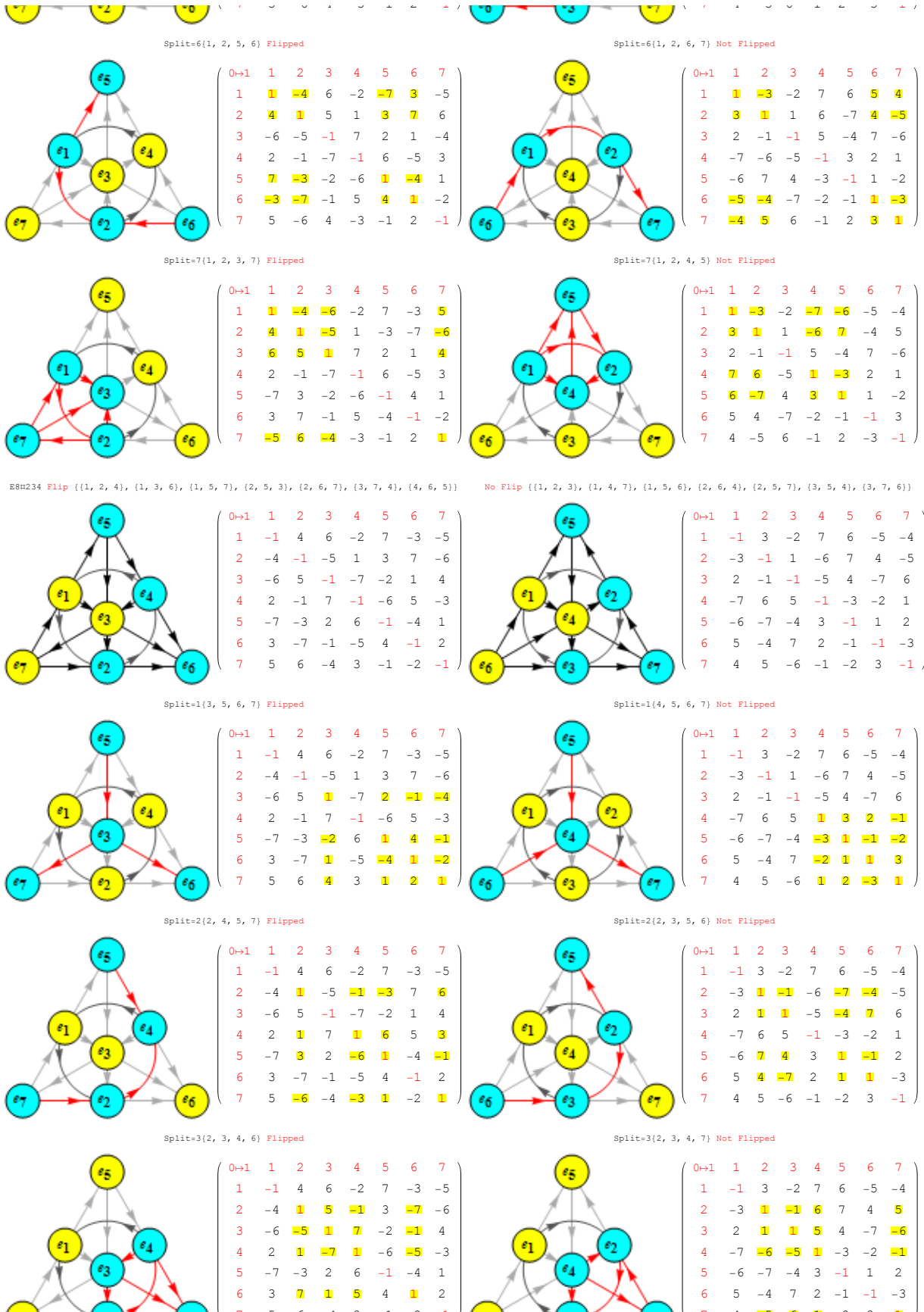
Split=7(1, 2, 4, 5) Not Flipped

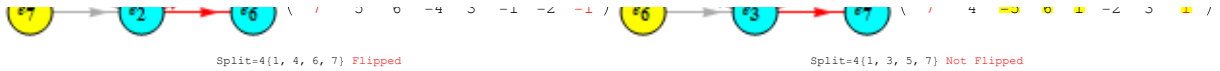


0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	6	5	4
2	3	1	1	-6	7	-4	5
3	2	-1	-1	-5	4	-7	6
4	-7	6	5	1	3	2	-1
5	-6	-7	-4	-3	1	-1	-2
6	-5	4	7	-2	1	-1	-3
7	-4	-5	-6	1	2	3	-1



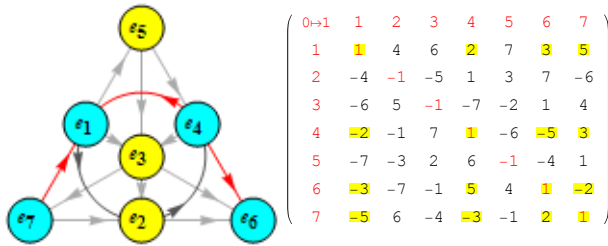




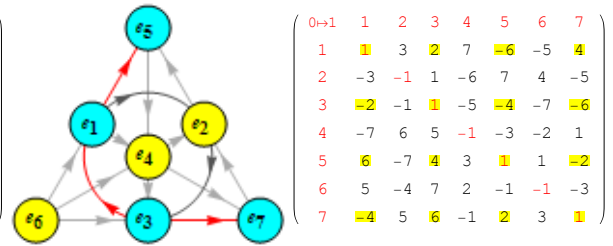


Split=4(1, 4, 6, 7) Flipped

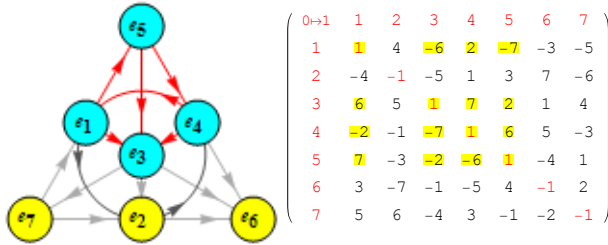
Split=4(1, 3, 5, 7) Not Flipped



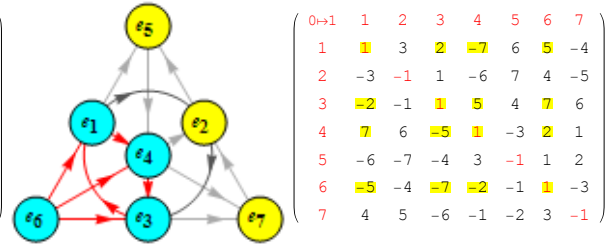
Split=5(1, 3, 4, 5) Flipped



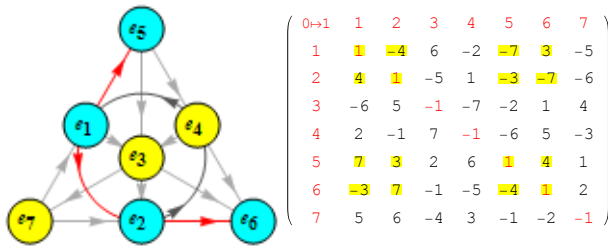
Split=5(1, 3, 4, 6) Not Flipped



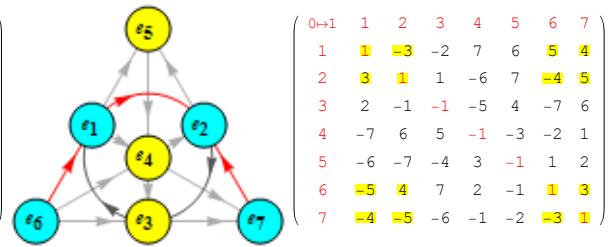
Split=6(1, 2, 5, 6) Flipped



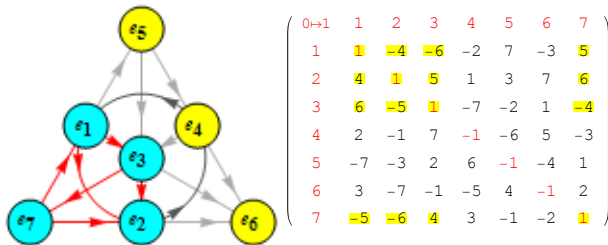
Split=6(1, 2, 6, 7) Not Flipped



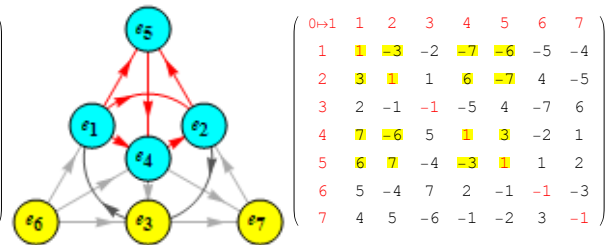
Split=7(1, 2, 3, 7) Flipped



Split=7(1, 2, 4, 5) Not Flipped



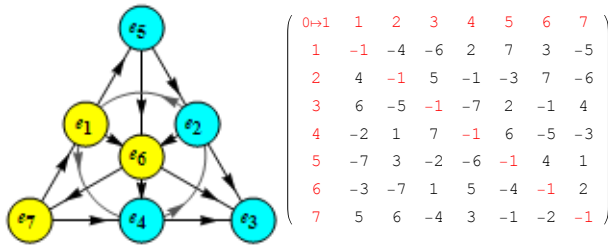
Split=8(1, 2, 3, 4, 5, 6, 7) Flipped



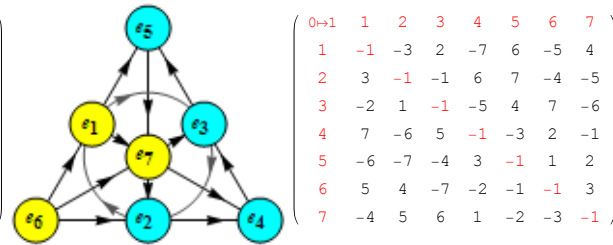
Split=8(1, 2, 3, 4, 5, 6, 7) Not Flipped

E8n17 Flip {(1, 4, 2), (1, 6, 3), (1, 5, 7), (2, 3, 5), (2, 6, 7), (3, 7, 4), (4, 5, 6)}

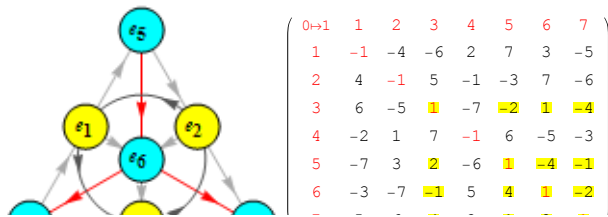
No Flip {(1, 3, 2), (1, 7, 4), (1, 5, 6), (2, 4, 6), (2, 5, 7), (3, 5, 4), (3, 6, 7)}



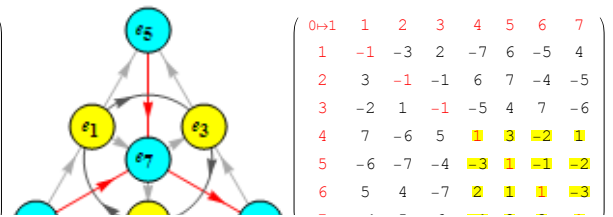
Split=1(3, 5, 6, 7) Flipped



Split=1(4, 5, 6, 7) Not Flipped



Split=1(3, 5, 6, 7) Flipped

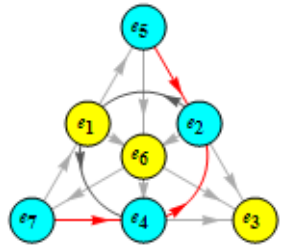


Split=1(4, 5, 6, 7) Not Flipped

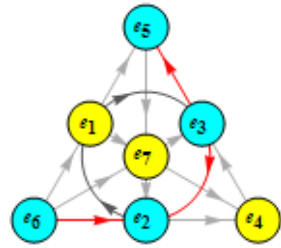


Split=2(2, 4, 5, 7) Flipped

Split=2(2, 3, 5, 6) Not Flipped



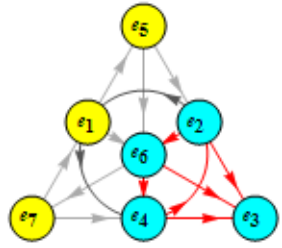
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	5	5	3	7	6	
3	6	-5	-1	-7	2	-1	4
4	-2	-1	7	-6	-5	3	
5	-7	-3	-2	6	4	-1	
6	-3	-7	1	5	-4	-1	2
7	5	-6	-4	-3	1	-2	



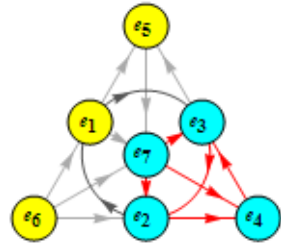
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	6	6	-7	4	-5	
3	-2	-1	-5	-4	-7	-6	
4	7	-6	5	-1	-3	2	-1
5	-6	7	4	3	1	-1	2
6	5	-4	7	-2	1	3	
7	-4	5	6	1	-2	-3	-1

Split=3(2, 3, 4, 6) Flipped

Split=3(2, 3, 4, 7) Not Flipped



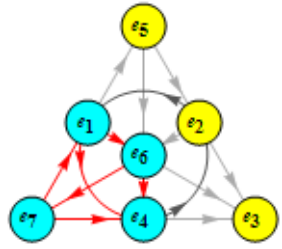
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	5	-5	1	-3	-7	-6
3	6	5	7	2	1	4	
4	-2	-1	7	6	5	-3	
5	-7	3	-2	-6	-1	4	1
6	-3	7	-1	-5	-4	1	2
7	5	6	-4	3	-1	-2	-1



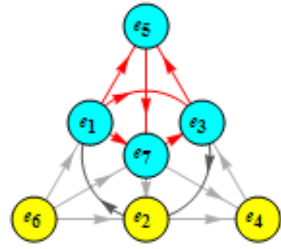
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	1	-6	7	-4	5	
3	-2	-1	5	4	7	6	
4	7	6	-5	1	-3	2	1
5	-6	-7	-4	3	-1	1	2
6	5	4	-7	-2	-1	-1	3
7	-4	-5	-6	-1	-2	-3	1

Split=4(1, 4, 6, 7) Flipped

Split=4(1, 3, 5, 7) Not Flipped



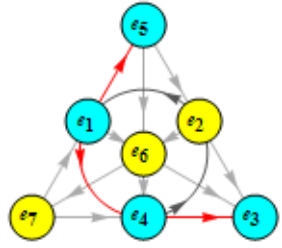
0→1	1	2	3	4	5	6	7
1	1	-4	-6	2	7	-3	5
2	4	-1	5	-1	-3	7	-6
3	6	-5	-1	-7	2	-1	4
4	2	1	7	6	5	3	
5	-7	3	-2	-6	-1	4	1
6	3	-7	1	-5	-4	1	-2
7	5	6	-4	-3	-1	2	1



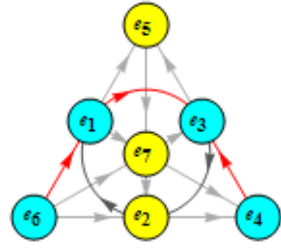
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	-6	-5	-4
2	3	-1	-1	6	7	-4	-5
3	2	1	1	-5	-4	7	6
4	7	-6	5	-1	-3	2	-1
5	6	-7	4	3	1	1	-2
6	5	4	-7	-2	-1	-1	3
7	4	5	-6	1	2	-3	1

Split=5(1, 3, 4, 5) Flipped

Split=5(1, 3, 4, 6) Not Flipped



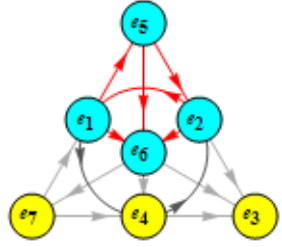
0→1	1	2	3	4	5	6	7
1	1	-4	6	2	-7	3	-5
2	4	-1	5	-1	-3	7	-6
3	-6	-5	7	-2	-1	4	
4	2	1	-7	-6	-5	-3	
5	7	3	6	1	4	1	
6	-3	-7	1	5	-4	-1	2
7	5	6	-4	3	-1	-2	-1



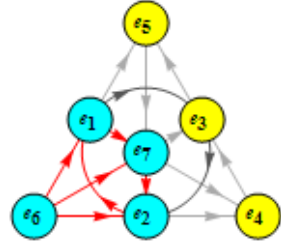
0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	6	5	4
2	3	-1	-1	6	7	-4	-5
3	2	1	1	5	4	-7	-6
4	-7	-6	-5	1	-3	-2	-1
5	-6	-7	-4	3	-1	1	2
6	-5	4	7	2	-1	1	3
7	-4	5	6	1	-2	-3	-1

Split=6(1, 2, 5, 6) Flipped

Split=6(1, 2, 6, 7) Not Flipped



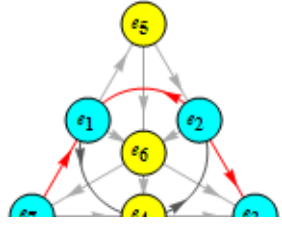
0→1	1	2	3	4	5	6	7
1	1	4	-6	2	-7	-3	-5
2	-4	1	5	-1	3	-7	-6
3	6	-5	-1	-7	2	-1	4
4	-2	1	7	-1	6	-5	-3
5	7	-3	-2	-6	1	-4	1
6	3	7	1	5	4	1	2
7	5	6	-4	3	-1	-2	-1



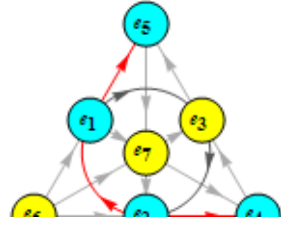
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	6	5	-4
2	-3	1	-1	6	7	4	5
3	-2	1	-1	-5	4	7	-6
4	7	-6	5	-1	-3	2	-1
5	-6	-7	-4	3	-1	1	2
6	-5	-4	-7	-2	-1	1	-3
7	4	-5	6	1	-2	3	1

Split=7(1, 2, 3, 7) Flipped

Split=7(1, 2, 4, 5) Not Flipped



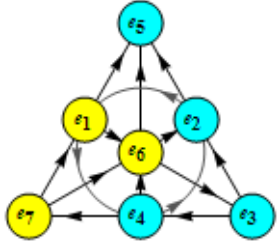
0→1	1	2	3	4	5	6	7
1	1	4	6	2	7	3	5
2	-4	1	-5	-1	-3	7	6
3	-6	5	1	-7	2	-1	-4
4	-2	1	7	-1	6	-5	-3
5	-7	3	-2	-6	-1	4	1
6	-3	-7	1	5	-4	-1	2
7	-5	-6	4	3	-1	-2	1



0→1	1	2	3	4	5	6	7
1	1	3	2	7	-6	-5	4
2	-3	1	-1	-6	-7	-4	-5
3	-2	1	-1	-5	4	7	-6
4	-7	6	5	1	3	2	-1
5	6	7	-4	-3	1	1	2
6	5	4	-7	-2	-1	-1	3
7	-4	5	6	1	-2	-3	-1

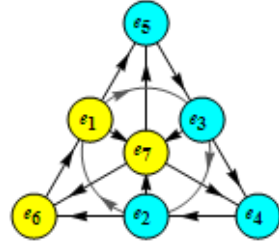
E8H239 Flip ((1, 4, 2), (1, 6, 3), (1, 5, 7), (2, 5, 3), (2, 7, 6), (3, 4, 7), (4, 6, 5))

No Flip ((1, 3, 2), (1, 7, 4), (1, 5, 6), (2, 6, 4), (2, 7, 5), (3, 4, 5), (3, 7, 6))



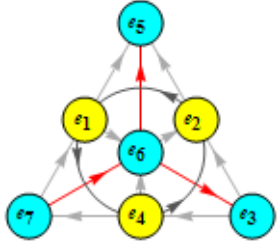
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	1	-5	4	-1	-2
7	5	-6	4	-3	-1	2	-1

Split={3, 5, 6, 7} Flipped



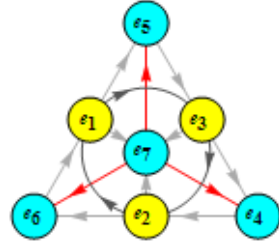
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	2	-1	-1	-3
7	-4	-5	-6	1	2	3	-1

Split={4, 5, 6, 7} Not Flipped



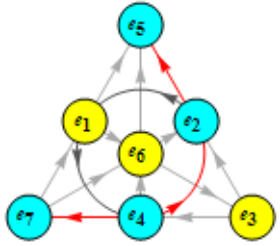
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	-1	-5	4	-1	-2
7	5	-6	-4	-3	1	-2	1

Split={2, 4, 5, 7} Flipped



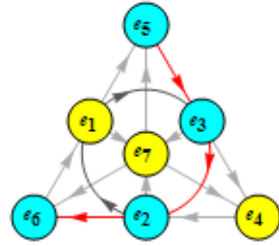
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	-2	-1	-1	-3
7	-4	-5	-6	-1	-2	-3	1

Split={2, 3, 5, 6} Not Flipped



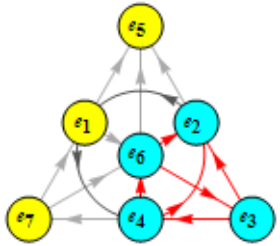
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	-1	-5	4	-1	-2
7	5	-6	4	-3	1	2	1

Split={3, 2, 4, 6} Flipped



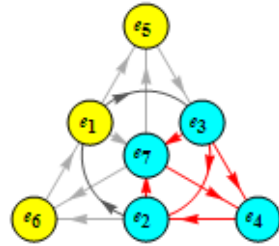
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	2	-1	-1	-3
7	-4	-5	-6	1	2	3	-1

Split={3, 2, 3, 4, 7} Not Flipped



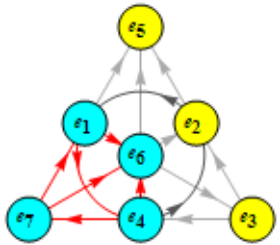
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	-1	-5	4	-1	-2
7	5	-6	4	-3	-1	2	-1

Split={4, 1, 4, 6, 7} Flipped



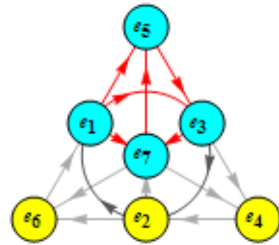
0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	2	-1	-1	-3
7	-4	-5	-6	-1	2	3	1

Split={4, 1, 3, 5, 7} Not Flipped



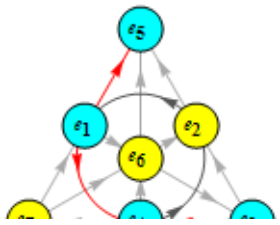
0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	-1	-5	4	-1	-2
7	5	-6	4	-3	-1	2	-1

Split={5, 1, 3, 4, 5} Flipped

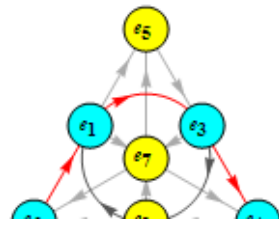


0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	2	-1	-1	-3
7	-4	-5	-6	1	-2	3	1

Split={5, 1, 3, 4, 6} Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	-6	2	7	3	-5
2	4	-1	-5	-1	3	-7	6
3	6	5	-1	7	-2	-1	-4
4	-2	1	-7	-1	-6	5	3
5	-7	-3	2	6	-1	-4	1
6	-3	7	-1	-5	4	-1	-2
7	5	-6	4	-3	-1	2	-1



0→1	1	2	3	4	5	6	7
1	-1	-3	2	-7	6	-5	4
2	3	-1	-1	-6	-7	4	5
3	-2	1	-1	5	-4	-7	6
4	7	6	-5	-1	3	-2	-1
5	-6	7	4	-3	-1	1	-2
6	5	-4	7	2	-1	-1	-3
7	-4	-5	-6	1	-2	3	1

Split=6(1, 2, 5, 6) Flipped

0	→1	1	2	3	4	5	6	7
1		1	4	-6	2	-7	3	-5
2	-4		1	-5	-1	-3	7	6
3	6	5	-1	7	-2	-1	-4	
4	-2	1	-7	-1	-6	5	3	
5	7	3	2	6	1	4	1	
6	3	-7	1	-5	-4		1	-2
7	5	-6	4	-3	-1	2	-1	

Split=6(1, 2, 6, 7) Not Flipped

0	→1	1	2	3	4	5	6	7
1		1	3	2	-7	6	5	-4
2	-3		1	-1	-6	-7	-4	-5
3	-2	1	-1	5	-4	-7	6	
4	7	6	-5	-1	3	-2	-1	
5	-6	7	4	-3	-1	1	-2	
6	-5	4	7	2	-1		1	3
7	4	5	-6	1	2	-3		1

Split=7(1, 2, 3, 7) Flipped

0	→1	1	2	3	4	5	6	7
1		1	4	6	2	7	3	5
2	-4		1	5	-1	3	-7	-6
3	-6	-5		1	7	-2	-1	4
4	-2	1	-7	-1	-6	5	3	
5	-7	-3	2	6	-1	-4	1	
6	-3	7	1	-5	4	-1	-2	
7	-5	6	-4	-3	-1	2		1

Split=7(1, 2, 4, 5) Not Flipped

0	→1	1	2	3	4	5	6	7
1		1	3	2	7	-6	-5	4
2	-3		1	-1	6	7	4	5
3	-2	1	-1	5	-4	-7	6	
4	-7	-6	-5		1	-3	-2	-1
5	6	-7	4	3		1	1	-2
6	5	-4	7	2	-1	-1	-3	
7	-4	-5	-6	1	2	3	-1	

ESM11 Flip {(1, 4, 2), (1, 3, 6), (1, 7, 5), (2, 5, 3), (2, 7, 6), (3, 7, 4), (4, 5, 6)}

No Flip {(1, 3, 2), (1, 4, 7), (1, 6, 5), (2, 6, 4), (2, 7, 5), (3, 5, 4), (3, 6, 7)}

0	→1	1	2	3	4	5	6	7
1		-1	-4	6	2	-7	-3	5
2	4	-1	-5	-1	3	-7	6	
3	-6	5	-1	-7	-2	1	4	
4	-2	1	7	-1	6	-5	-3	
5	7	-3	2	-6	-1	4	-1	
6	3	7	-1	5	-4	-1	-2	
7	-5	-6	-4	3	1	2	-1	

0	→1	1	2	3	4	5	6	7
1		-1	-3	2	7	-6	5	-4
2	3	-1	-1	-6	-7	4	5	
3	-2	1	-1	-5	4	7	-6	
4	-7	6	5	-1	-3	-2	1	
5	6	7	-4	3	-1	-1	-2	
6	-5	-4	-7	2	1	-1	3	
7	4	-5	6	-1	2	-3	-1	

Split=1(3, 5, 6, 7) Flipped

0	→1	1	2	3	4	5	6	7
1		-1	-4	6	2	-7	-3	5
2	4	-1	-5	-1	3	-7	6	
3	-6	5		-7	2	-1	-4	
4	-2	1	7	-1	6	-5	-3	
5	7	-3	-2	-6		4	1	
6	3	7		5	4		2	
7	-5	-6	4	3	-1	-2		1

Split=1(4, 5, 6, 7) Not Flipped

0	→1	1	2	3	4	5	6	7
1		-1	-3	2	7	-6	5	-4
2	3	-1	-1	-6	-7	4	5	
3	-2	1	-1	-5	4	7	-6	
4	-7	6	5		3	2	-1	
5	6	7	-4	-3		1	1	-2
6	-5	-4	-7	-2	-1		1	3
7	4	-5	6	1	-2	3		1

Split=2(2, 4, 5, 7) Flipped

0	→1	1	2	3	4	5	6	7
1		-1	-4	6	2	-7	-3	5
2	4		-5	1	-3	-7	-6	
3	-6	5	-1	-7	-2	1	4	
4	-2	-1	7		-6	-5	3	
5	7	3	2	6		4	1	
6	3	7	-1	5	-4	-1	-2	
7	-5	6	-4	-3	-1	2		1

Split=2(2, 3, 5, 6) Not Flipped

0	→1	1	2	3	4	5	6	7
1		-1	-3	2	7	-6	5	-4
2	3			-6	7	-4	5	
3	-2	-1		-5	-4	-7	-6	
4	-7	6	5	-1	-3	-2	1	
5	6	-7	4	3		1	1	-2
6	-5	4	7	2	-1		1	3
7	4	-5	6	-1	2	-3	-1	

Split=3(2, 3, 4, 6) Flipped

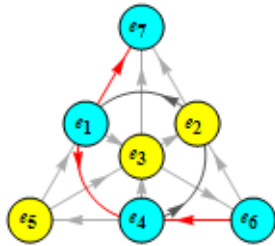
0	→1	1	2	3	4	5	6	7
1		-1	-4	6	2	-7	-3	5
2	4		5	1	3	7	6	
3	-6	-5		7	-2	-1	4	
4	-2	-1	-7		6	5	-3	
5	7	-3	2	-6	-1	4	-1	
6	3	-7		-5	-4		-2	
7	-5	6	-4	-3	-1	2		1

Split=3(2, 3, 4, 7) Not Flipped

0	→1	1	2	3	4	5	6	7
1		-1	-3	2	7	-6	5	-4
2	3			6	-7	4	-5	
3	-2	-1		5	4	7	6	
4	-7	-6	-5		-3	-2	-1	
5	6	7	-4	3	-1	-1	-2	
6	-5	-4	-7	2	1	-1	3	
7	4	-5	6	-1	2	-3	-1	

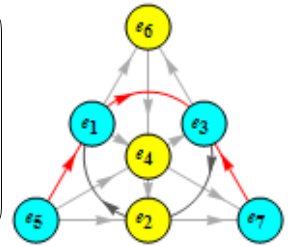


Split=4(1, 4, 6, 7) Flipped



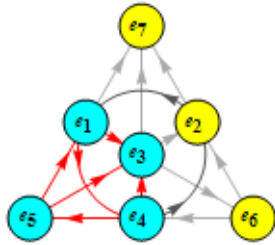
0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	-7	3	-5
2	4	-1	-5	-1	3	-7	6
3	-6	5	-1	-7	-2	1	4
4	-2	1	7	1	6	5	3
5	7	-3	2	-6	-1	4	-1
6	-3	7	-1	-5	-4	1	2
7	5	-6	-4	-3	1	-2	1

Split=4(1, 3, 5, 7) Not Flipped



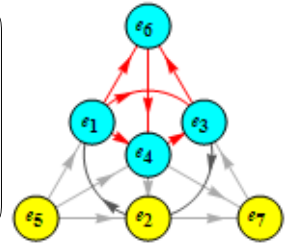
0→1	1	2	3	4	5	6	7
1	1	-3	-2	7	6	5	4
2	3	-1	-1	-6	-7	4	5
3	2	1	1	-5	-4	7	6
4	-7	6	5	-1	-3	-2	1
5	-6	7	4	3	1	-1	2
6	-5	-4	-7	2	1	-1	3
7	-4	-5	-6	-1	-2	-3	1

Split=5(1, 3, 4, 5) Flipped



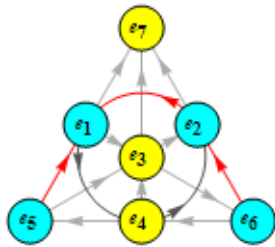
0→1	1	2	3	4	5	6	7
1	1	-4	-6	-2	7	-3	5
2	4	-1	-5	-1	3	-7	6
3	6	5	1	7	2	1	4
4	-2	1	-7	1	-6	-5	-3
5	-7	-3	-2	6	1	4	-1
6	3	7	-1	5	-4	-1	-2
7	-5	-6	-4	3	1	2	-1

Split=5(1, 3, 4, 6) Not Flipped



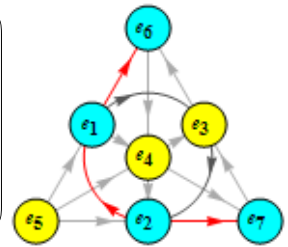
0→1	1	2	3	4	5	6	7
1	1	-3	-2	-7	-6	-5	-4
2	3	-1	-1	-6	-7	4	5
3	2	1	1	5	4	-7	-6
4	7	6	-5	1	-3	2	1
5	6	7	-4	3	-1	-1	-2
6	5	-4	7	-2	1	1	3
7	4	-5	6	-1	2	-3	-1

Split=6(1, 2, 5, 6) Flipped



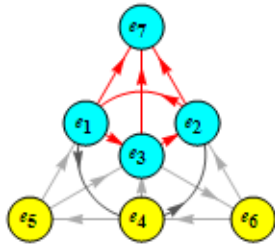
0→1	1	2	3	4	5	6	7
1	1	4	6	2	7	3	5
2	-4	1	-5	-1	-3	7	6
3	-6	5	-1	-7	-2	1	4
4	-2	1	7	-1	6	-5	-3
5	-7	3	2	-6	1	-4	-1
6	-3	-7	-1	5	4	1	-2
7	-5	-6	-4	3	1	2	-1

Split=6(1, 2, 6, 7) Not Flipped



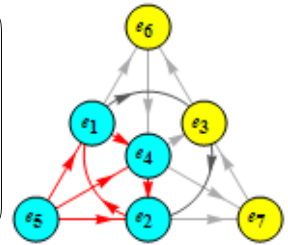
0→1	1	2	3	4	5	6	7
1	1	3	2	7	-6	-5	4
2	-3	1	-1	-6	-7	-4	-5
3	-2	1	-1	-5	4	7	-6
4	-7	6	5	-1	-3	-2	1
5	6	7	-4	3	-1	-1	-2
6	5	4	-7	2	1	1	-3
7	-4	5	6	-1	2	3	1

Split=7(1, 2, 3, 7) Flipped



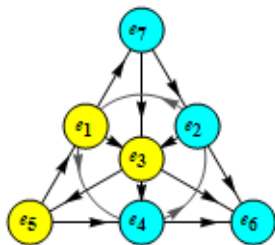
0→1	1	2	3	4	5	6	7
1	1	4	-6	2	-7	-3	-5
2	-4	1	5	-1	3	-7	-6
3	6	-5	1	-7	-2	1	-4
4	-2	1	7	-1	6	-5	-3
5	7	-3	2	-6	-1	4	-1
6	3	7	-1	5	-4	-1	-2
7	5	6	4	3	1	2	1

Split=7(1, 2, 4, 5) Not Flipped



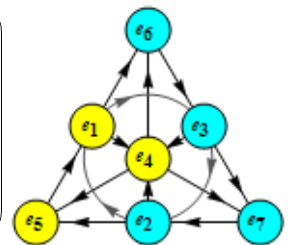
0→1	1	2	3	4	5	6	7
1	1	3	2	-7	6	5	-4
2	-3	1	-1	6	7	4	5
3	-2	1	-1	-5	4	7	-6
4	7	-6	5	1	3	-2	1
5	-6	-7	-4	-3	1	-1	-2
6	-5	-4	-7	2	1	-1	3
7	4	-5	6	-1	2	-3	-1

88h245 Flip {(1, 4, 2), (1, 3, 6), (1, 7, 5), (2, 3, 5), (2, 6, 7), (3, 4, 7), (4, 6, 5)} No Flip {(1, 3, 2), (1, 4, 7), (1, 6, 5), (2, 4, 6), (2, 5, 7), (3, 4, 5), (3, 7, 6)}



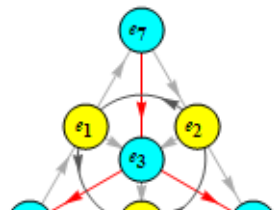
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	-1	5	-1	-3	7	-6
3	-6	-5	-1	7	2	1	-4
4	-2	1	-7	-1	-6	5	3
5	7	3	-2	6	-1	-4	-1
6	3	-7	-1	-5	4	-1	2
7	-5	6	4	-3	1	-2	-1

Split=1(3, 5, 6, 7) Flipped



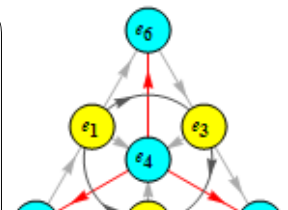
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	-1	-1	6	7	-4	-5
3	-2	1	-1	5	-4	-7	6
4	-7	-6	-5	-1	3	2	1
5	6	-7	4	-3	-1	-1	2
6	-5	4	7	-2	1	-1	-3
7	4	5	-6	-1	-2	3	-1

Split=1(4, 5, 6, 7) Not Flipped

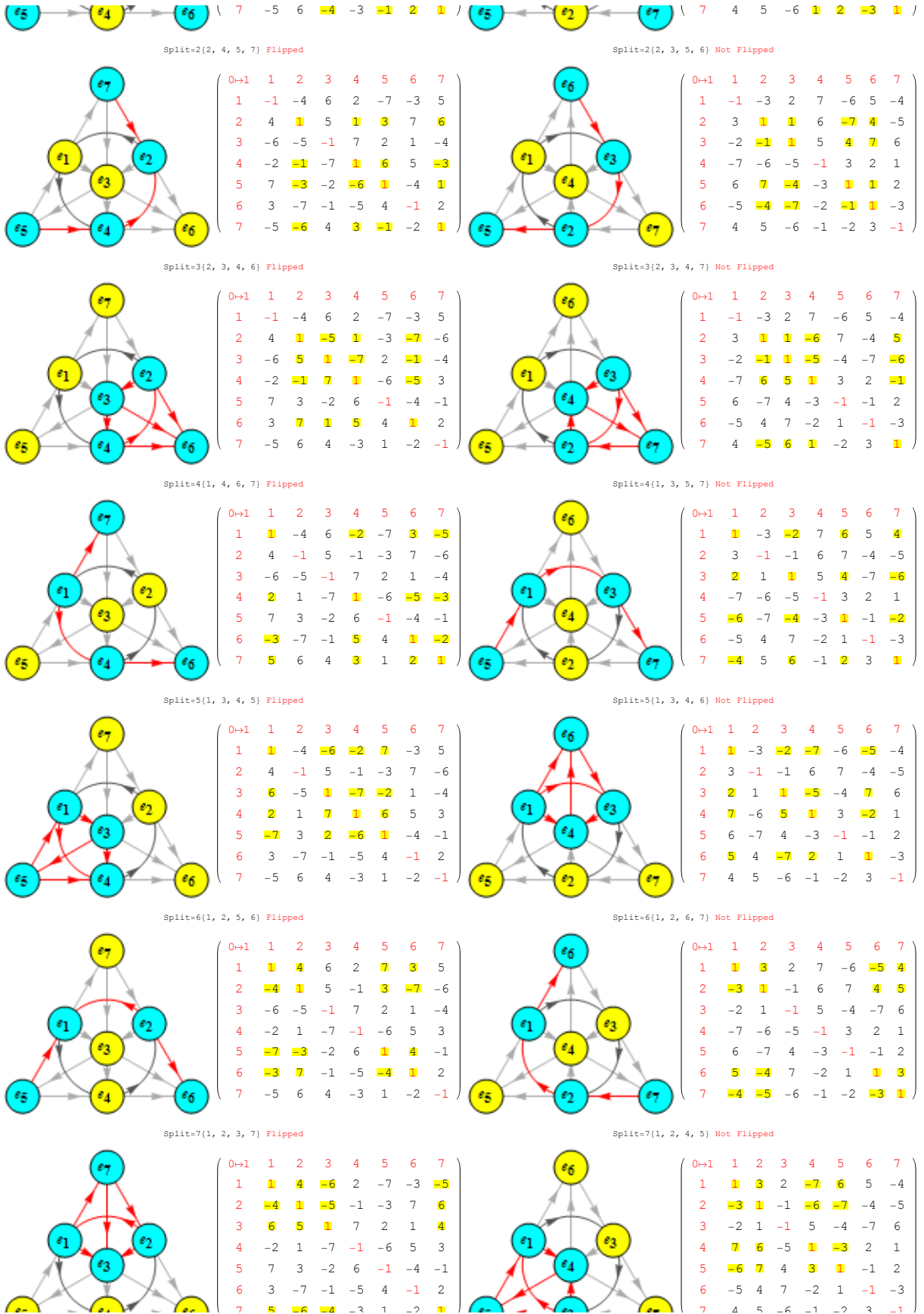


0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	-7	-3	5
2	4	-1	5	-1	-3	7	-6
3	-6	-5	1	7	-2	-1	4
4	-2	1	-7	-1	-6	5	3
5	7	3	2	6	1	4	1
6	3	-7	1	-5	-4	1	-2

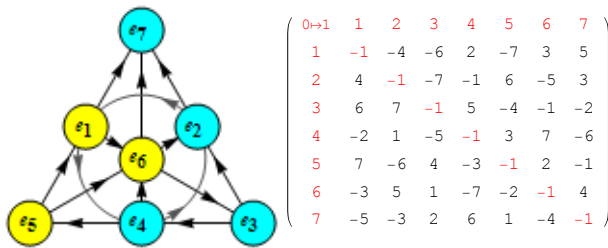
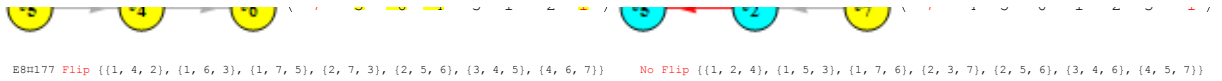
Split=1(4, 5, 6, 7) Not Flipped



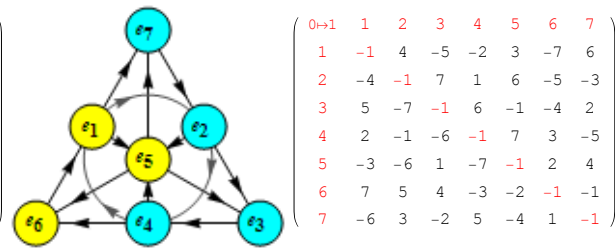
0→1	1	2	3	4	5	6	7
1	-1	-3	2	7	-6	5	-4
2	3	-1	-1	6	7	-4	-5
3	-2	1	-1	5	-4	-7	6
4	-7	-6	-5	1	-3	-2	-1
5	6	-7	4	3	1	1	-2
6	-5	4	7	2	-1	1	3



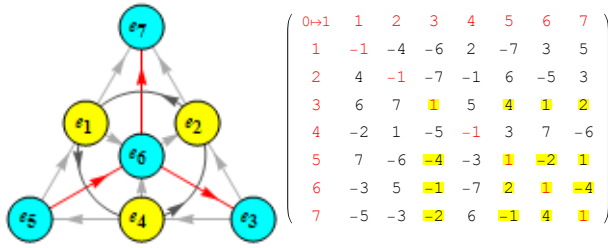




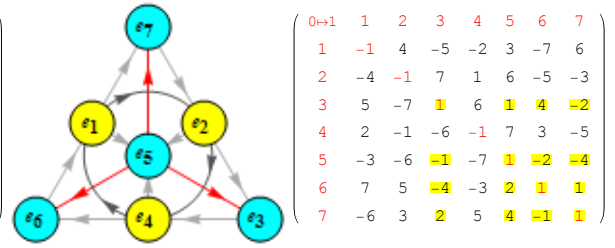
Split=1(3, 5, 6, 7) Flipped



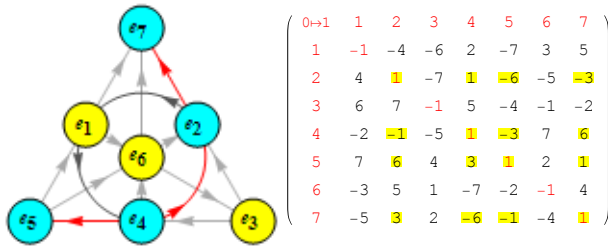
Split=1(3, 5, 6, 7) Not Flipped



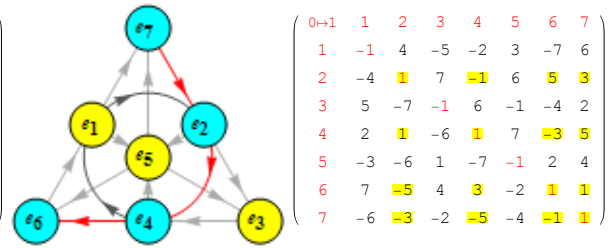
Split=2(2, 4, 5, 7) Flipped



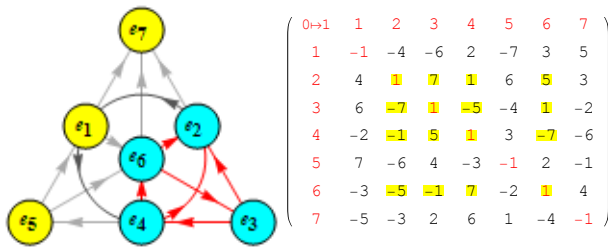
Split=2(2, 4, 6, 7) Not Flipped



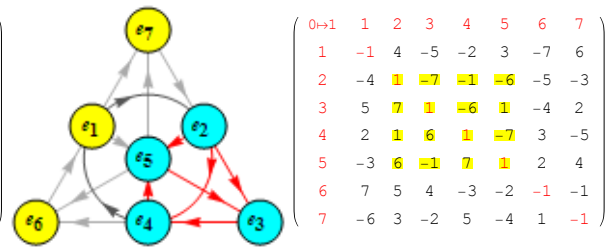
Split=3(2, 3, 4, 6) Flipped



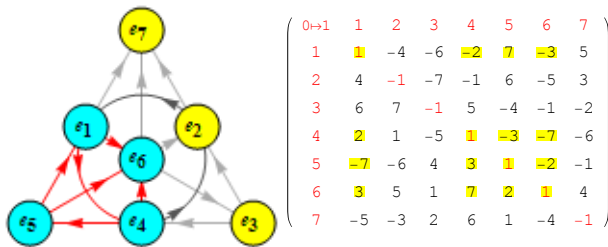
Split=3(2, 3, 4, 5) Not Flipped



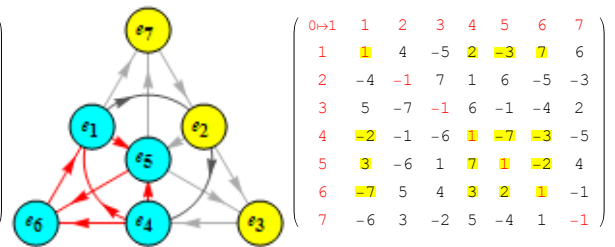
Split=4(1, 4, 5, 6) Flipped



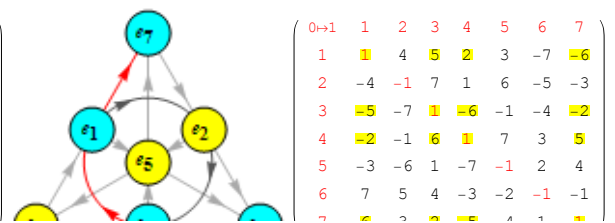
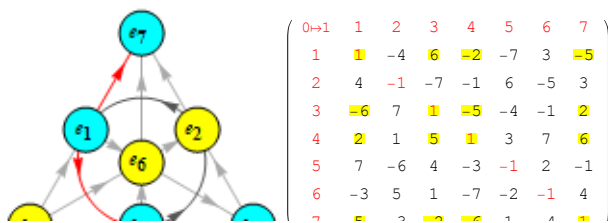
Split=4(1, 4, 5, 6) Not Flipped

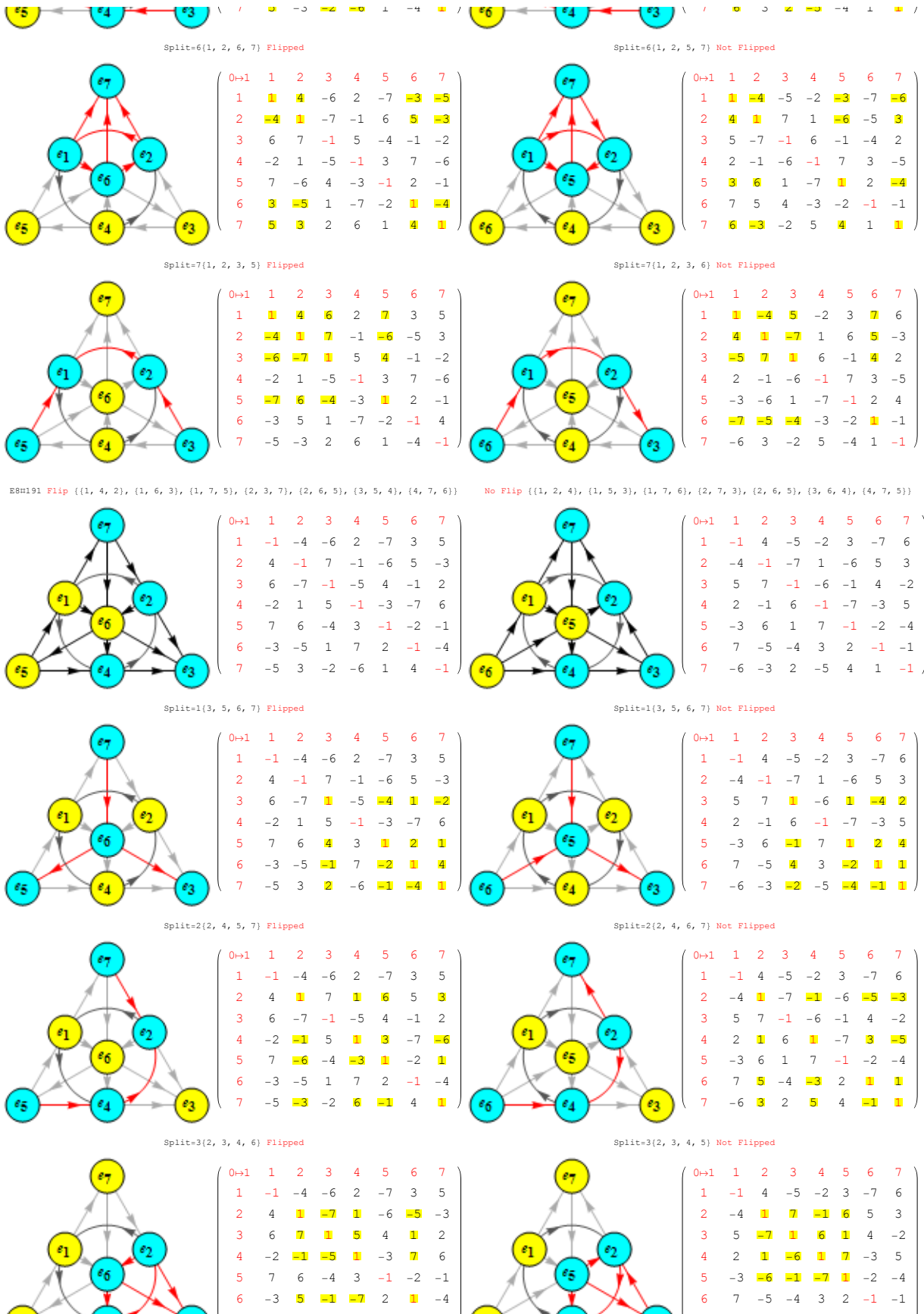


Split=5(1, 3, 4, 7) Flipped



Split=5(1, 3, 4, 7) Not Flipped

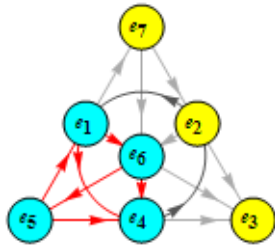




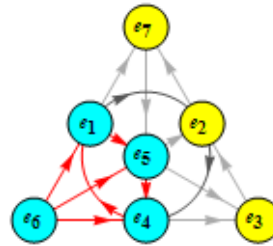


Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 6) Not Flipped



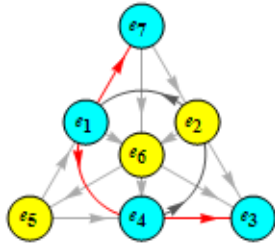
0→1	1	2	3	4	5	6	7
1	1	-4	-6	2	7	-3	5
2	4	-1	7	-1	-6	5	-3
3	6	-7	-1	-5	4	-1	2
4	2	1	5	1	3	7	6
5	-7	6	-4	-3	1	2	-1
6	3	-5	1	-7	-2	1	-4
7	-5	3	-2	-6	1	4	-1



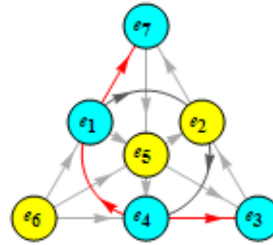
0→1	1	2	3	4	5	6	7
1	1	4	-5	2	-3	7	6
2	-4	-1	-7	1	-6	5	3
3	5	7	-1	-6	-1	4	-2
4	-2	-1	6	1	7	3	5
5	3	6	1	-7	1	2	-4
6	-7	-5	-4	-3	-2	1	-1
7	-6	-3	2	-5	4	1	-1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



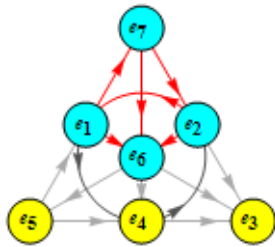
0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	-7	3	-5
2	4	-1	7	-1	-6	5	-3
3	-6	-7	1	5	4	-1	-2
4	2	1	-5	1	-3	-7	-6
5	7	6	-4	3	-1	-2	-1
6	-3	-5	1	7	2	-1	-4
7	5	3	2	6	1	4	1



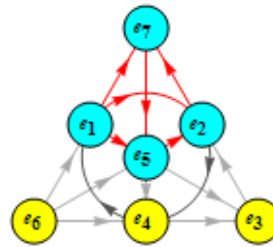
0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	-7	-6
2	-4	-1	-7	1	-6	5	3
3	-5	7	1	6	-1	4	2
4	-2	-1	-6	1	-7	-3	-5
5	-3	6	1	7	-1	-2	-4
6	7	-5	-4	3	2	-1	-1
7	6	-3	-2	5	4	1	1

Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 6, 7) Not Flipped



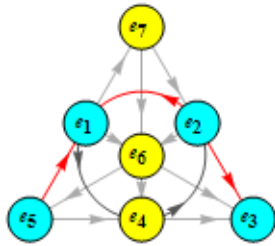
0→1	1	2	3	4	5	6	7
1	1	4	-6	2	-7	-3	-5
2	-4	1	7	-1	-6	-5	3
3	6	-7	-1	-5	4	-1	2
4	-2	1	5	-1	-3	-7	6
5	7	6	-4	3	-1	-2	-1
6	3	5	1	7	2	1	4
7	5	-3	-2	-6	1	-4	1



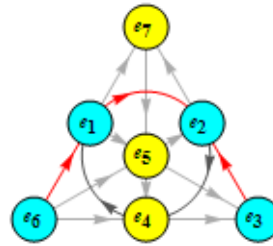
0→1	1	2	3	4	5	6	7
1	1	-4	-5	-2	-3	-7	-6
2	4	1	-7	1	6	5	-3
3	5	7	-1	-6	-1	4	-2
4	2	-1	6	-1	-7	-3	5
5	3	-6	1	7	1	-2	4
6	7	-5	-4	3	2	-1	-1
7	6	3	2	-5	-4	1	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped

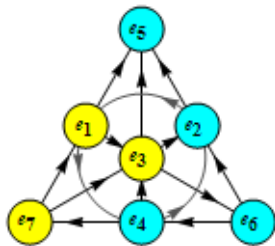


0→1	1	2	3	4	5	6	7
1	1	4	6	2	7	3	5
2	-4	1	-7	-1	6	5	-3
3	-6	7	1	-5	-4	-1	2
4	-2	1	5	-1	-3	-7	6
5	-7	-6	4	3	1	-2	-1
6	-3	-5	1	7	2	-1	-4
7	-5	3	-2	-6	1	4	-1

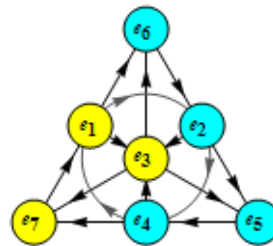


0→1	1	2	3	4	5	6	7
1	1	-4	5	-2	3	7	6
2	4	1	7	1	-6	-5	3
3	-5	-7	1	-6	-1	-4	-2
4	2	-1	6	-1	-7	-3	5
5	-3	6	1	7	-1	-2	-4
6	-7	5	4	3	2	1	-1
7	-6	-3	2	-5	4	1	-1

EBH182 Flip ((1, 4, 2), (1, 3, 6), (1, 5, 7), (2, 7, 3), (2, 5, 6), (3, 5, 4), (4, 7, 6)) No Flip ((1, 2, 4), (1, 3, 5), (1, 6, 7), (2, 3, 7), (2, 5, 6), (3, 6, 4), (4, 7, 5))



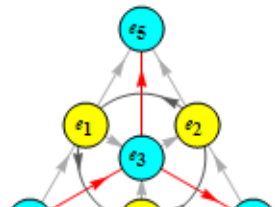
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	-7	-1	6	-5	3
3	-6	7	-1	-5	4	1	-2
4	-2	1	5	-1	-3	-7	6
5	-7	-6	-4	3	-1	2	1
6	3	5	-1	7	-2	-1	-4
7	5	-3	2	-6	-1	4	-1



0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	-1	7	1	6	-5	-3
3	-5	-7	-1	-6	1	4	2
4	2	-1	6	-1	-7	-3	5
5	3	-6	-1	7	-1	2	-4
6	-7	5	-4	3	-2	-1	1
7	6	3	-2	-5	4	-1	-1

Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	-7	-1	6	-5	3
3	-6	7	1	-5	-4	-1	2
4	-2	1	5	-1	-3	-7	6
5	-7	-6	4	3	1	-2	-1
6	3	5	1	7	2	1	4

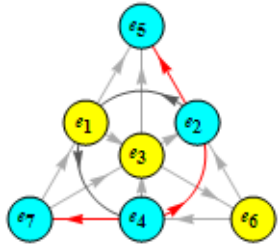


0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	-1	7	1	6	-5	-3
3	-5	-7	1	-6	-1	-4	-2
4	2	-1	6	-1	-7	-3	5
5	3	-6	1	7	1	-2	-4
6	-7	5	4	3	2	1	-1

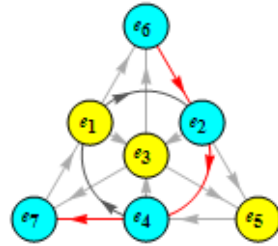


Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



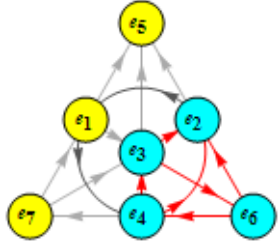
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	1	-7	1	-6	-5	-3
3	-6	7	-1	-5	4	1	-2
4	-2	-1	5	1	3	-7	-6
5	-7	6	-4	-3	1	2	-1
6	3	5	-1	7	-2	-1	-4
7	5	3	2	6	1	4	1



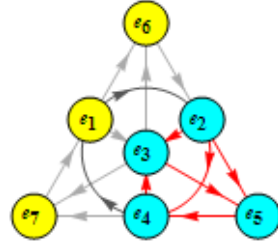
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	1	7	-1	6	5	3
3	-5	-7	-1	-6	1	4	2
4	2	1	6	1	-7	3	-5
5	3	-6	-1	7	-1	2	-4
6	-7	-5	-4	-3	-2	1	-1
7	6	-3	-2	5	4	1	1

Split=3(2, 3, 4, 6) Flipped

Split=3(2, 3, 4, 5) Not Flipped



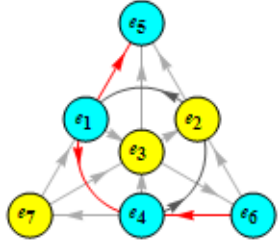
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	1	7	1	6	5	3
3	-6	-7	1	5	4	-1	-2
4	-2	-1	-5	1	-3	7	6
5	-7	-6	-4	3	-1	2	1
6	3	-5	1	-7	-2	1	-4
7	5	-3	2	-6	-1	4	-1



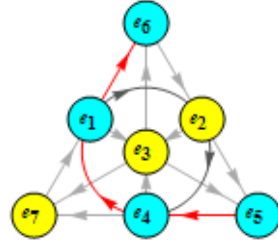
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	1	-7	-1	-6	-5	-3
3	-5	7	1	6	-1	4	2
4	2	1	-6	1	7	-3	5
5	3	6	1	-7	1	2	-4
6	-7	5	-4	3	-2	-1	1
7	6	3	-2	-5	4	-1	-1

Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 6) Not Flipped



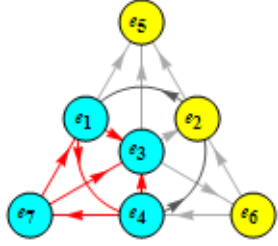
0→1	1	2	3	4	5	6	7
1	1	-4	6	-2	-7	3	-5
2	4	-1	-7	-1	6	-5	3
3	-6	7	-1	-5	4	1	-2
4	2	1	5	1	3	7	6
5	7	-6	-4	-3	1	-2	1
6	-3	5	-1	-7	2	1	-4
7	5	-3	2	-6	-1	4	-1



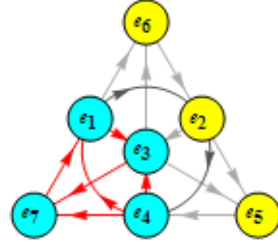
0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	-7	-6
2	-4	-1	7	1	6	-5	-3
3	-5	-7	-1	-6	1	4	2
4	-2	-1	6	1	7	3	5
5	-3	-6	-1	-7	1	-2	-4
6	7	5	-4	-3	2	1	1
7	6	3	-2	-5	4	-1	-1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



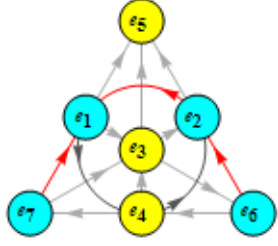
0→1	1	2	3	4	5	6	7
1	1	-4	-6	-2	7	-3	5
2	4	-1	-7	-1	6	-5	3
3	6	7	1	5	4	1	2
4	2	1	-5	1	-3	-7	-6
5	-7	-6	-4	3	-1	2	1
6	3	5	-1	7	-2	-1	-4
7	-5	-3	-2	6	-1	4	1



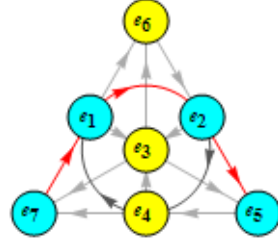
0→1	1	2	3	4	5	6	7
1	1	4	-5	2	-3	7	6
2	-4	-1	7	1	6	-5	-3
3	5	-7	1	6	1	4	-2
4	-2	-1	-6	1	-7	-3	-5
5	3	-6	-1	7	-1	2	-4
6	-7	5	-4	3	-2	-1	1
7	-6	3	2	5	4	-1	1

Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



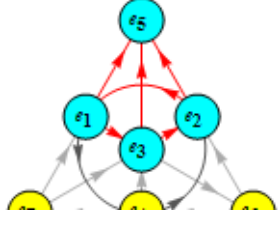
0→1	1	2	3	4	5	6	7
1	1	4	6	2	7	3	5
2	-4	1	-7	-1	6	5	-3
3	-6	7	-1	-5	4	1	-2
4	-2	1	5	-1	-3	-7	6
5	-7	-6	-4	3	-1	2	1
6	-3	-5	-1	7	-2	1	4
7	-5	3	2	-6	-1	-4	1



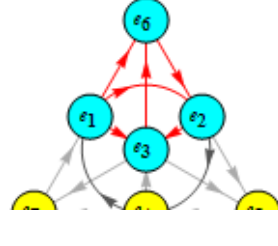
0→1	1	2	3	4	5	6	7
1	1	-4	5	-2	3	7	6
2	4	1	7	1	-6	-5	3
3	-5	-7	-1	-6	1	4	2
4	2	-1	6	-1	-7	-3	5
5	-3	6	-1	7	1	2	4
6	-7	5	-4	3	-2	-1	1
7	-6	-3	-2	-5	-4	-1	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	4	-6	2	-7	-3	-5
2	-4	1	7	-1	-6	-5	3
3	6	-7	1	-5	-4	1	-2
4	-2	1	5	-1	-3	-7	6
5	7	6	4	3	1	2	1
6	3	5	-1	7	-2	-1	-4
7	5	-3	2	-6	-1	4	-1

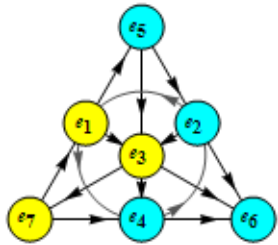


0→1	1	2	3	4	5	6	7
1	1	-4	-5	-2	-3	-7	-6
2	4	1	-7	1	6	5	-3
3	5	7	1	-6	1	-4	2
4	2	-1	6	-1	-7	-3	5
5	3	-6	-1	7	-1	2	-4
6	7	-5	4	3	-2	1	1
7	6	3	-2	-5	4	-1	-1



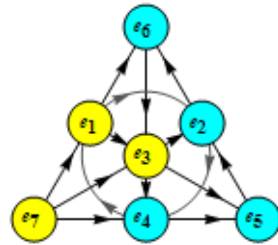
EB186 Flip  $\{(1, 4, 2), (1, 3, 6), (1, 5, 7), (2, 3, 7), (2, 6, 5), (3, 4, 5), (4, 6, 7)\}$

No Flip  $\{(1, 2, 4), (1, 3, 5), (1, 6, 7), (2, 7, 3), (2, 6, 5), (3, 4, 6), (4, 5, 7)\}$



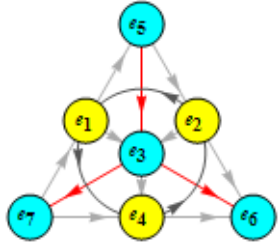
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	7	-1	-6	5	-3
3	-6	-7	-1	5	-4	1	2
4	-2	1	-5	-1	3	7	-6
5	-7	6	4	-3	-1	-2	1
6	3	-5	-1	-7	2	-1	4
7	5	3	-2	6	-1	-4	-1

Split=1(3, 5, 6, 7) Flipped



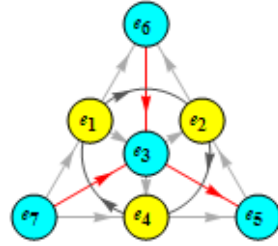
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	-1	-7	1	-6	5	3
3	-5	7	-1	6	1	-4	-2
4	2	-1	-6	-1	7	3	-5
5	3	6	-1	-7	-1	-2	4
6	-7	-5	4	-3	2	-1	1
7	6	-3	2	5	-4	-1	-1

Split=1(3, 5, 6, 7) Not Flipped



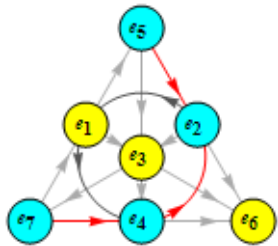
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	-1	7	-1	-6	5	-3
3	-6	-7	5	4	-1	2	2
4	-2	1	-5	-1	3	7	-6
5	-7	6	-4	-3	2	-1	1
6	3	-5	1	-7	-2	1	-4
7	5	3	2	6	1	4	1

Split=2(2, 4, 5, 7) Flipped



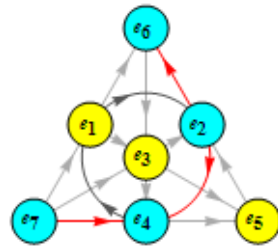
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	-1	-7	1	-6	5	3
3	-5	7	6	-1	4	2	2
4	2	-1	-6	-1	7	3	-5
5	3	6	1	-7	2	-4	1
6	-7	-5	-4	-3	2	1	-1
7	6	-3	2	5	4	1	1

Split=2(2, 4, 5, 7) Not Flipped



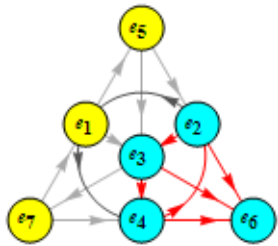
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	1	7	1	-6	5	3
3	-6	-7	-1	5	-4	1	2
4	-2	-1	-5	1	-3	7	6
5	-7	6	4	3	1	-2	-1
6	3	-5	-1	-7	2	-1	4
7	5	-3	-2	6	1	-4	1

Split=3(2, 3, 4, 6) Flipped



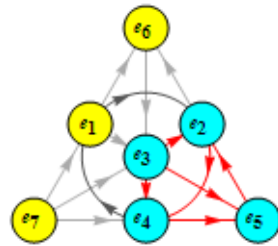
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	1	-7	1	-6	-5	3
3	-5	7	-1	6	1	-4	-2
4	2	1	-6	1	7	-3	5
5	3	6	-1	-7	-1	-2	4
6	-7	5	4	3	2	1	-1
7	6	3	2	-5	-4	1	1

Split=3(2, 3, 4, 6) Not Flipped



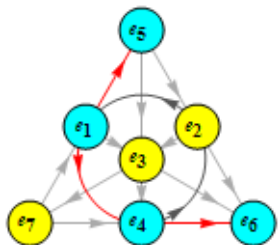
0→1	1	2	3	4	5	6	7
1	-1	-4	6	2	7	-3	-5
2	4	1	-7	1	-6	-5	-3
3	-6	7	1	5	-4	-1	2
4	-2	-1	5	1	3	-7	-6
5	-7	6	4	-3	-1	-2	1
6	3	5	1	7	2	1	4
7	5	3	-2	6	-1	-4	-1

Split=4(1, 4, 5, 6) Flipped



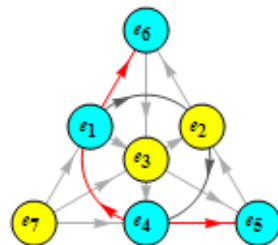
0→1	1	2	3	4	5	6	7
1	-1	4	5	-2	-3	7	-6
2	-4	1	7	-1	6	5	3
3	-5	-7	1	-6	-1	-4	-2
4	2	1	6	1	-7	3	-5
5	3	-6	1	7	1	-2	4
6	-7	-5	4	-3	2	-1	1
7	6	-3	2	5	-4	-1	-1

Split=4(1, 4, 5, 6) Not Flipped



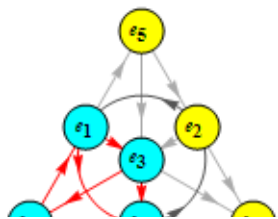
0→1	1	2	3	4	5	6	7
1	1	-4	6	2	7	3	-5
2	4	-1	7	-1	-6	5	-3
3	-6	-7	-1	5	-4	1	2
4	2	1	-5	1	-3	-7	-6
5	7	6	4	3	1	2	1
6	-3	-5	-1	7	-2	1	4
7	5	3	-2	6	-1	-4	-1

Split=5(1, 3, 4, 7) Flipped

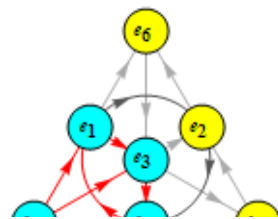


0→1	1	2	3	4	5	6	7
1	1	4	5	2	3	-7	-6
2	-4	-1	-7	1	-6	5	3
3	-5	7	-1	6	1	-4	-2
4	-2	-1	-6	1	-7	-3	-5
5	-3	6	-1	7	1	2	4
6	7	-5	4	3	2	1	1
7	6	-3	2	5	-4	-1	-1

Split=5(1, 3, 4, 7) Not Flipped



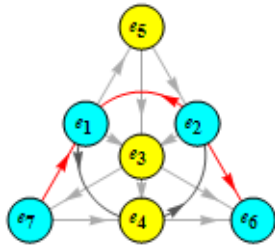
0→1	1	2	3	4	5	6	7
1	1	-4	6	2	7	-3	5
2	4	-1	7	-1	-6	5	-3
3	6	-7	1	5	-4	1	-2
4	2	1	5	1	3	7	6
5	-7	6	4	-3	-1	-2	1
6	3	-5	-1	-7	2	-1	4
7	5	3	-2	6	-1	-4	-1



0→1	1	2	3	4	5	6	7
1	1	4	5	2	-3	7	6
2	-4	-1	-7	1	-6	5	3
3	5	7	1	-6	1	-4	2
4	-2	-1	6	1	7	3	5
5	3	6	-1	-7	-1	-2	4
6	-7	-5	4	-3	2	-1	1
7	5	3	-2	6	-1	-4	-1

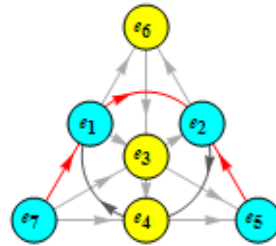


Split=6(1, 2, 6, 7) Flipped



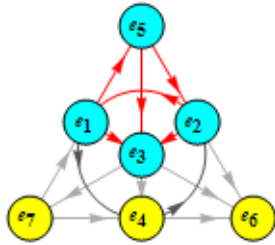
0→1	1	2	3	4	5	6	7
1	4	6	2	7	3	5	
2	4	1	7	-1	-6	-5	3
3	-6	-7	-1	5	-4	1	2
4	-2	1	-5	-1	3	7	-6
5	-7	6	4	-3	-1	-2	1
6	-3	5	-1	-7	2	1	-4
7	-5	-3	-2	6	-1	4	1

Split=6(1, 2, 5, 7) Not Flipped



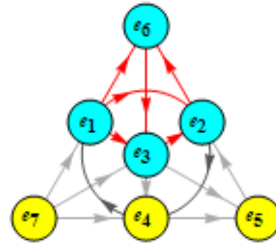
0→1	1	2	3	4	5	6	7
1	4	5	-2	3	7	6	
2	4	1	-7	1	6	5	-3
3	-5	7	-1	6	1	-4	-2
4	2	-1	-6	-1	7	3	-5
5	-3	-6	-1	-7	1	-2	-4
6	-7	-5	4	-3	2	-1	1
7	-6	3	2	5	4	-1	1

Split=7(1, 2, 3, 5) Flipped



0→1	1	2	3	4	5	6	7
1	4	-6	2	-7	-3	-5	
2	4	1	-7	-1	6	5	-3
3	6	7	1	5	4	1	2
4	-2	1	-5	-1	3	7	-6
5	7	-6	-4	-3	1	-2	1
6	3	-5	-1	-7	2	-1	4
7	5	3	-2	6	-1	-4	-1

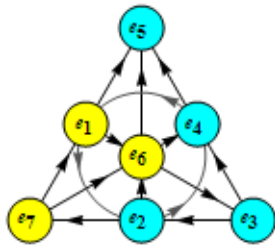
Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	4	-5	-2	-3	-7	-6	
2	4	1	7	1	-6	-5	3
3	5	-7	1	6	1	4	-2
4	2	-1	-6	-1	7	3	-5
5	3	6	-1	-7	-1	-2	4
6	7	5	-4	-3	2	1	1
7	6	-3	2	5	-4	-1	-1

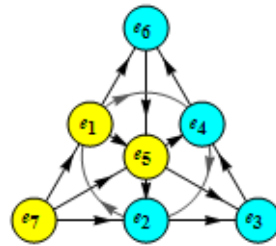
EBM47 Flip {(1, 2, 4), (1, 6, 3), (1, 5, 7), (2, 7, 3), (2, 6, 5), (3, 4, 5), (4, 7, 6)}

No Flip {(1, 4, 2), (1, 5, 3), (1, 6, 7), (2, 3, 7), (2, 6, 5), (3, 4, 6), (4, 7, 5)}



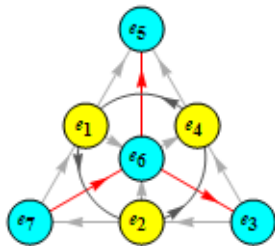
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	-1	-7	1	-6	5	3
3	6	7	-1	5	-4	-1	-2
4	2	-1	-5	-1	3	-7	6
5	-7	6	4	-3	-1	-2	1
6	-3	-5	1	7	2	-1	-4
7	5	-3	2	-6	-1	4	-1

Split=1(3, 5, 6, 7) Not Flipped



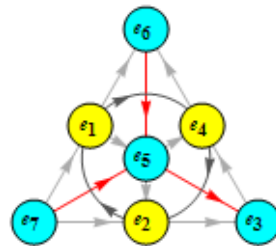
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	7	-1	-6	5	-3
3	5	-7	-1	6	-1	-4	2
4	-2	1	-6	-1	-7	3	5
5	-3	6	1	7	-1	-2	-4
6	-7	-5	4	-3	2	-1	1
7	6	3	-2	-5	4	-1	-1

Split=1(3, 5, 6, 7) Flipped



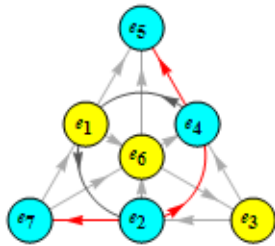
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	-1	-7	1	-6	5	3
3	6	7	1	5	4	1	2
4	2	-1	-5	-1	3	-7	6
5	-7	6	-4	-3	1	2	-1
6	-3	-5	-1	7	-2	1	4
7	5	-3	-2	-6	1	4	1

Split=2(2, 4, 5, 7) Not Flipped



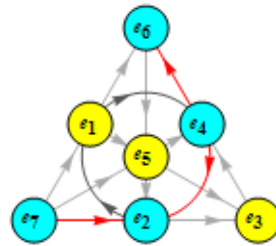
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	7	-1	-6	5	-3
3	5	-7	-1	6	1	4	-2
4	-2	1	-6	-1	-7	3	5
5	-3	6	-1	7	1	2	4
6	-7	-5	-4	-3	-2	1	-1
7	6	3	2	-5	-4	1	1

Split=2(2, 4, 5, 7) Flipped



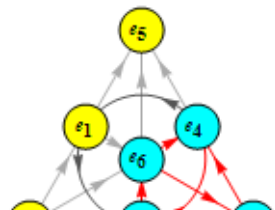
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	1	-7	1	6	5	-3
3	6	7	-1	5	-4	-1	-2
4	2	1	-5	1	-3	-7	-6
5	-7	-6	4	3	1	-2	-1
6	-3	-5	1	7	2	-1	-4
7	5	3	2	6	1	4	1

Split=3(2, 3, 4, 5) Not Flipped



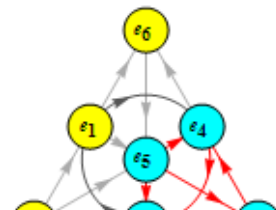
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	1	-7	1	-6	5	-3
3	5	-7	-1	6	-1	-4	2
4	-2	-1	-6	1	-7	-3	-5
5	-3	6	1	7	-1	-2	-4
6	-7	5	4	3	2	1	-1
7	6	-3	-2	5	4	1	1

Split=3(2, 3, 4, 6) Flipped



0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	1	-7	1	-6	5	3
3	6	-7	1	-5	-4	1	-2
4	2	1	5	1	3	7	6
5	-7	6	4	-3	-1	-2	1
6	-3	5	-1	-7	2	1	-4

Split=3(2, 3, 4, 5) Flipped

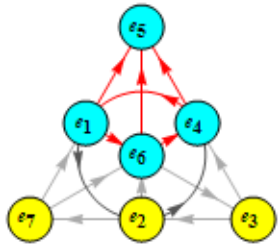


0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	1	-7	1	-6	5	-3
3	5	-7	1	-6	1	-4	2
4	-2	-1	-6	1	-7	3	5
5	-3	-6	-1	-7	1	-2	-4
6	-7	-5	4	-3	2	-1	1

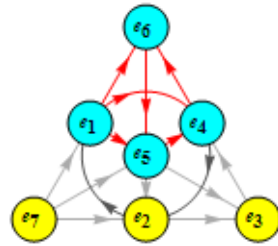


Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 6) Not Flipped



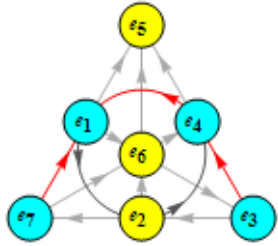
0→1	1	2	3	4	5	6	7
1	4	-6	2	-7	-3	-5	
2	-4	-1	-7	1	-6	5	3
3	6	7	-1	5	-4	-1	-2
4	-2	-1	-5	1	-3	7	6
5	7	6	4	3	1	2	1
6	3	-5	1	-7	-2	1	-4
7	5	-3	2	-6	-1	4	-1



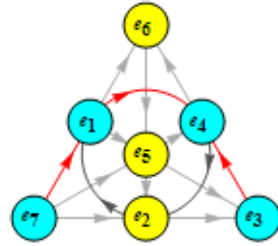
0→1	1	2	3	4	5	6	7
1	-4	-5	-2	-3	-7	-6	
2	4	-1	7	-1	-6	5	-3
3	5	-7	-1	6	-1	-4	2
4	2	1	-6	1	7	-3	5
5	3	6	1	-7	1	2	-4
6	7	-5	4	3	-2	1	1
7	6	3	-2	-5	4	-1	-1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



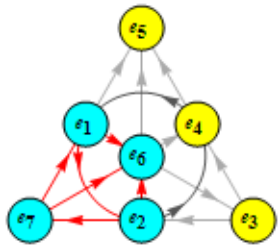
0→1	1	2	3	4	5	6	7
1	4	6	2	7	3	5	
2	-4	-1	-7	1	-6	5	3
3	-6	7	1	-5	-4	-1	2
4	-2	-1	5	1	3	-7	-6
5	-7	6	4	-3	-1	-2	1
6	-3	-5	1	7	2	-1	-4
7	-5	-3	-2	6	-1	4	1



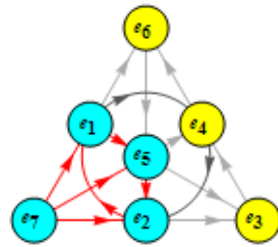
0→1	1	2	3	4	5	6	7
1	-4	5	-2	3	7	6	
2	4	-1	7	-1	-6	5	-3
3	-5	-7	1	-6	-1	-4	-2
4	2	1	6	1	-7	3	-5
5	-3	6	1	7	-1	-2	-4
6	-7	-5	4	-3	2	-1	1
7	-6	3	2	5	4	-1	1

Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 6, 7) Not Flipped



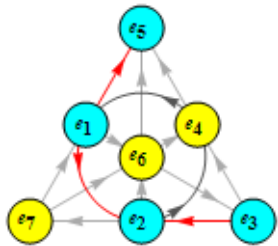
0→1	1	2	3	4	5	6	7
1	-4	-6	-2	7	-3	5	
2	4	1	-7	1	-6	-5	-3
3	6	7	-1	5	-4	-1	-2
4	2	-1	-5	-1	3	-7	6
5	-7	6	4	-3	-1	-2	1
6	3	5	1	7	2	1	4
7	-5	3	2	-6	-1	-4	1



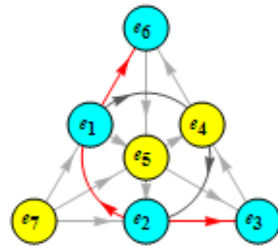
0→1	1	2	3	4	5	6	7
1	4	-5	2	-3	7	6	
2	-4	1	7	-1	6	5	3
3	5	-7	-1	6	-1	-4	2
4	-2	1	-6	-1	-7	3	5
5	3	-6	1	7	1	-2	4
6	-7	-5	4	-3	2	-1	1
7	-6	-3	-2	-5	-4	-1	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



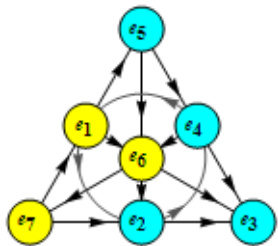
0→1	1	2	3	4	5	6	7
1	-4	6	-2	-7	3	-5	
2	4	1	7	1	6	5	3
3	-6	-7	1	5	4	-1	-2
4	2	-1	-5	-1	3	-7	6
5	7	-6	-4	-3	1	-2	1
6	-3	-5	1	7	2	-1	-4
7	5	-3	2	-6	-1	4	-1



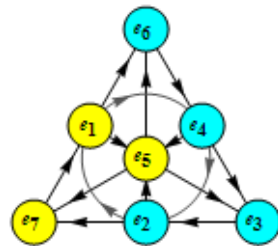
0→1	1	2	3	4	5	6	7
1	4	5	2	3	-7	-6	
2	-4	1	-7	-1	-6	-5	-3
3	-5	7	1	6	-1	4	2
4	-2	1	-6	-1	-7	3	5
5	-3	6	1	7	-1	-2	-4
6	7	5	-4	-3	2	1	1
7	6	3	-2	-5	4	-1	-1

E8n197 Flip {(1, 2, 4), (1, 6, 3), (1, 5, 7), (2, 3, 7), (2, 5, 6), (3, 5, 4), (4, 6, 7)}

No Flip {(1, 4, 2), (1, 5, 3), (1, 6, 7), (2, 7, 3), (2, 5, 6), (3, 6, 4), (4, 5, 7)}



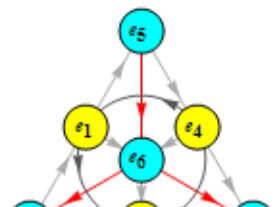
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	-1	7	1	6	-5	-3
3	6	-7	-1	-5	4	-1	2
4	2	-1	5	-1	-3	7	-6
5	-7	-6	-4	3	-1	2	1
6	-3	5	1	-7	-2	-1	4
7	5	3	-2	6	-1	-4	-1



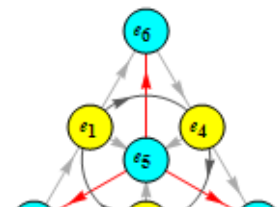
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	-7	-1	6	-5	3
3	5	7	-1	-6	-1	4	-2
4	-2	1	6	-1	7	-3	-5
5	-3	-6	1	-7	-1	2	4
6	-7	5	-4	3	-2	-1	1
7	6	-3	2	5	-4	-1	-1

Split=1(3, 5, 6, 7) Flipped

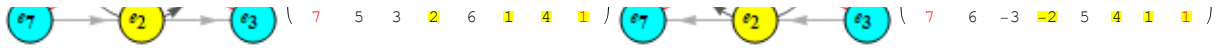
Split=1(3, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	-1	7	1	6	-5	-3
3	6	-7	1	-5	-4	1	2
4	2	-1	5	-1	-3	7	-6
5	-7	-6	4	3	1	-2	-1
6	-3	5	-1	-7	2	1	-4

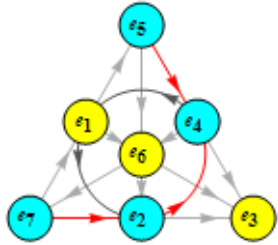


0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	-1	-7	-1	6	-5	3
3	5	7	1	-6	1	-4	2
4	-2	1	6	-1	7	-3	-5
5	-3	-6	-1	-7	1	-2	-4
6	-7	5	4	3	2	1	-1

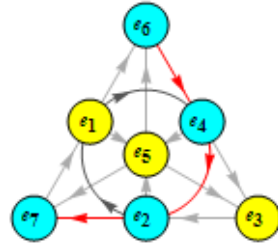


Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



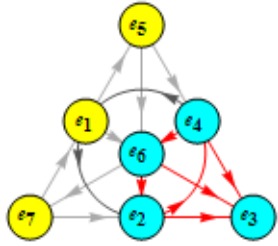
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	7	-1	-6	-5	3	
3	6	-7	-1	-5	4	-1	2
4	2	5	3	7	6		
5	-7	6	-4	3	2	-1	
6	-3	5	1	-7	-2	-1	4
7	5	-3	-2	6	1	-4	



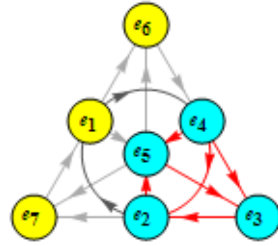
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	7	1	6	5	-3	
3	5	7	-1	-6	-1	4	-2
4	-2	6	1	7	3	5	
5	-3	-6	1	-7	-1	2	4
6	-7	-5	-4	-3	-2	1	-1
7	6	3	2	-5	-4	1	

Split=3(2, 3, 4, 6) Flipped

Split=3(2, 3, 4, 5) Not Flipped



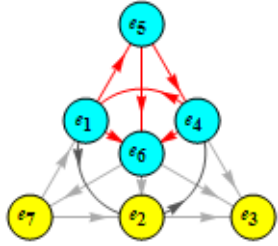
0→1	1	2	3	4	5	6	7
1	-1	4	-6	-2	7	3	-5
2	-4	7	-1	6	5	-3	
3	6	7	5	4	1	2	
4	2	5	-3	-7	-6		
5	-7	-6	-4	3	-1	2	1
6	-3	-5	-1	7	-2	1	4
7	5	3	-2	6	-1	-4	-1



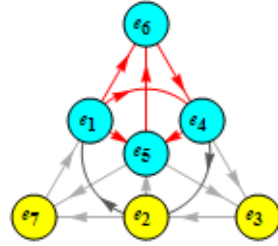
0→1	1	2	3	4	5	6	7
1	-1	-4	-5	2	3	7	-6
2	4	7	1	6	5	-3	
3	5	7	1	6	1	4	-2
4	-2	-1	-6	1	-7	-3	-5
5	-3	6	-1	7	1	2	4
6	-7	5	-4	3	-2	-1	1
7	6	-3	2	5	-4	-1	-1

Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 6) Not Flipped



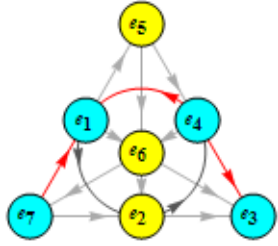
0→1	1	2	3	4	5	6	7
1	4	-6	2	-7	3	-5	
2	-4	-1	7	1	6	-5	-3
3	6	-7	-1	-5	4	-1	2
4	-2	-1	5	3	-7	-6	
5	-7	-6	-4	3	-1	2	1
6	3	5	1	7	2	1	4
7	5	3	-2	6	-1	-4	-1



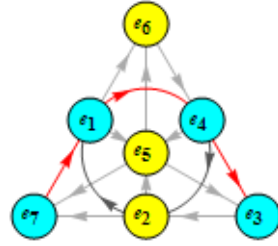
0→1	1	2	3	4	5	6	7
1	4	-5	2	-3	-7	-6	
2	4	-1	-7	-1	6	-5	3
3	5	7	-1	-6	-1	4	-2
4	2	1	6	1	-7	3	-5
5	3	-6	1	7	1	-2	4
6	7	5	-4	-3	2	1	1
7	6	-3	2	5	-4	-1	-1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



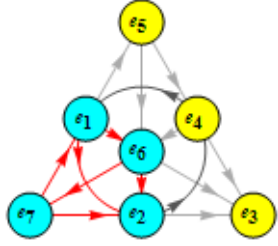
0→1	1	2	3	4	5	6	7
1	4	6	2	7	3	5	
2	-4	-1	7	1	6	-5	-3
3	-6	-7	5	4	-1	-2	
4	-2	-1	-5	-3	7	6	
5	-7	-6	-4	3	-1	2	1
6	-3	5	1	-7	-2	-1	4
7	-5	3	2	-6	-1	-4	1



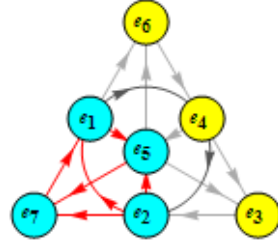
0→1	1	2	3	4	5	6	7
1	4	5	-2	3	7	6	
2	4	-1	-7	-1	6	-5	3
3	-5	7	1	6	-1	4	2
4	2	1	6	1	7	-3	5
5	-3	-6	1	-7	-1	2	4
6	-7	5	-4	3	-2	-1	1
7	-6	-3	2	-5	-4	-1	1

Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



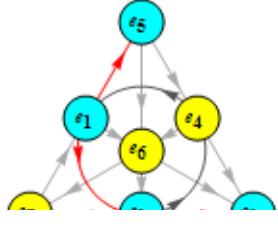
0→1	1	2	3	4	5	6	7
1	4	-6	-2	7	3	5	
2	4	7	1	6	5	3	
3	6	-7	-1	-5	4	-1	2
4	2	-1	5	-1	-3	7	-6
5	-7	-6	-4	3	-1	2	1
6	3	-5	1	-7	-2	1	4
7	-5	-3	-2	6	-1	4	1



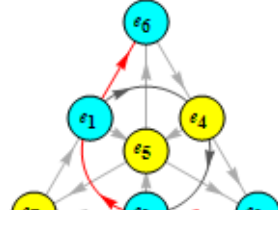
0→1	1	2	3	4	5	6	7
1	4	-5	2	3	7	6	
2	-4	7	-1	6	-5	-3	
3	5	7	-1	-6	-1	4	-2
4	-2	1	6	-1	7	-3	-5
5	3	6	1	-7	1	2	-4
6	-7	5	-4	3	-2	-1	1
7	-6	3	2	5	4	-1	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	4	-6	-2	7	3	-5	
2	4	7	1	6	5	-3	
3	-6	7	-5	-4	-1	2	
4	2	-1	5	-1	-3	7	-6
5	-7	6	4	3	1	2	1
6	-3	5	1	-7	-2	-1	4
7	-5	-3	-2	6	-1	4	1



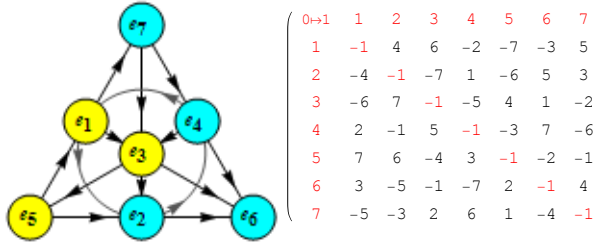
0→1	1	2	3	4	5	6	7
1	4	5	2	3	-7	-6	
2	-4	7	-1	6	5	3	
3	-5	-7	-6	-1	-4	-2	
4	-2	1	6	-1	7	-3	-5
5	-3	-6	1	-7	-1	2	4
6	7	-5	4	3	-2	1	1
7	-6	-3	2	5	4	-1	-1



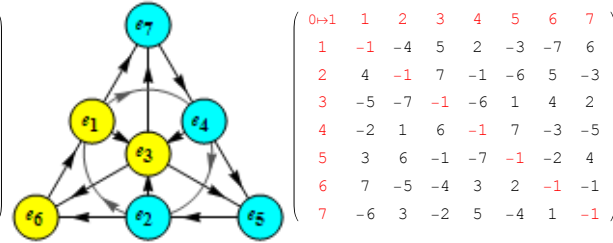


EBB42 Flip  $\{(1, 2, 4), (1, 3, 6), (1, 7, 5), (2, 7, 3), (2, 6, 5), (3, 5, 4), (4, 6, 7)\}$

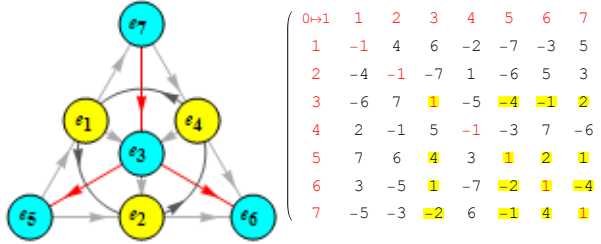
No Flip  $\{(1, 4, 2), (1, 3, 5), (1, 7, 6), (2, 3, 7), (2, 6, 5), (3, 6, 4), (4, 5, 7)\}$



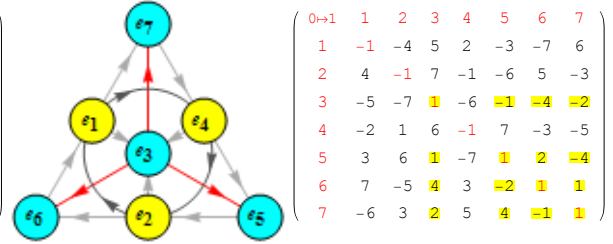
Split=1(3, 5, 6, 7) Flipped



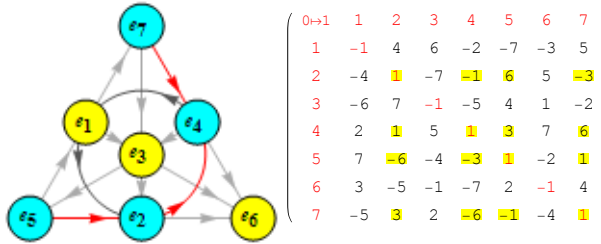
Split=1(3, 5, 6, 7) Not Flipped



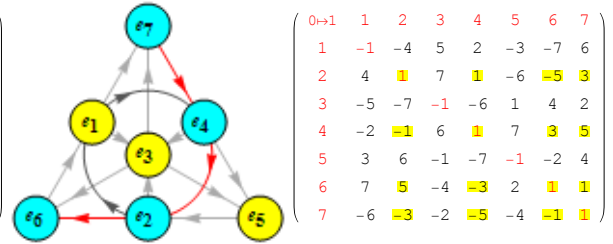
Split=2(2, 4, 5, 7) Flipped



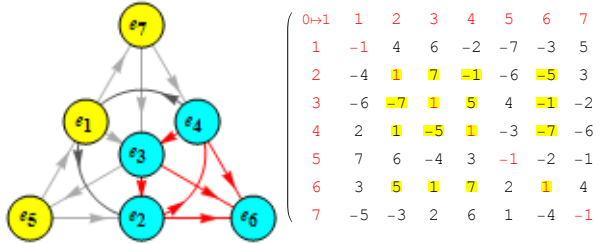
Split=2(2, 4, 5, 7) Not Flipped



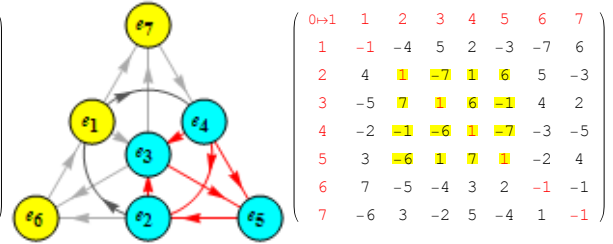
Split=3(2, 3, 4, 6) Flipped



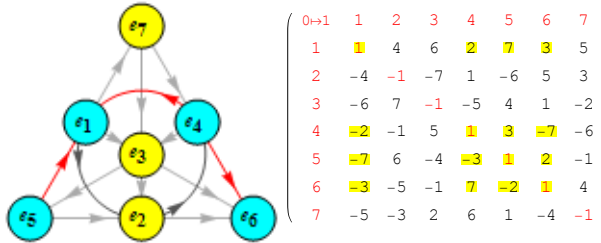
Split=3(2, 3, 4, 6) Not Flipped



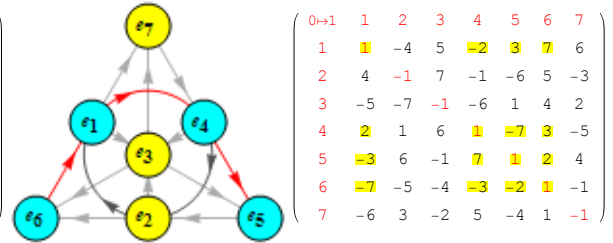
Split=4(1, 4, 5, 6) Flipped



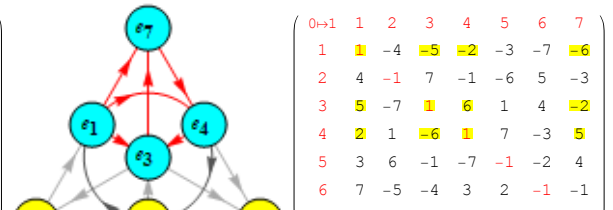
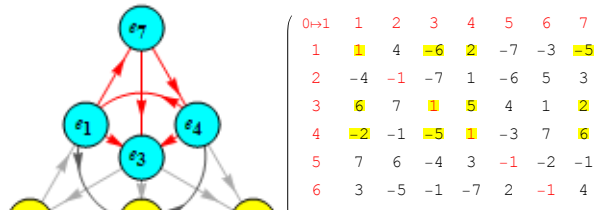
Split=4(1, 4, 5, 6) Not Flipped



Split=5(1, 3, 4, 7) Flipped



Split=5(1, 3, 4, 7) Not Flipped

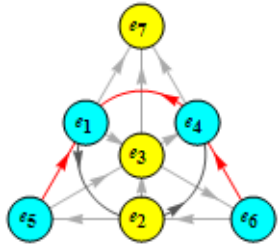




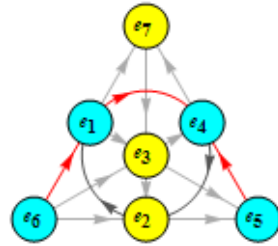


Split={4(1, 4, 5, 6) Flipped

Split={4(1, 4, 5, 6) Not Flipped



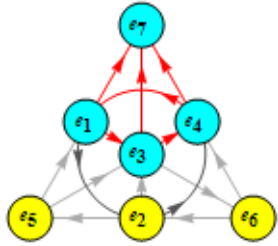
0→1	1	2	3	4	5	6	7
1	4	6	2	7	3	5	
2	-4	-1	7	1	6	-5	-3
3	-6	-7	-1	5	-4	1	2
4	-2	-1	-5	1	-3	7	6
5	-7	-6	4	3	1	-2	-1
6	-3	5	-1	-7	2	1	-4
7	-5	3	-2	-6	1	4	-1



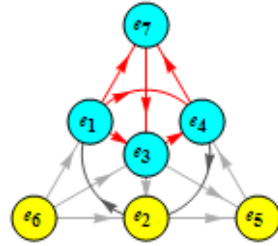
0→1	1	2	3	4	5	6	7
1	4	5	-2	3	7	6	
2	4	-1	-7	-1	6	-5	3
3	-5	7	-1	6	1	-4	-2
4	2	1	-6	1	7	-3	5
5	-3	-6	-1	-7	1	-2	-4
6	-7	5	4	3	2	1	-1
7	-6	-3	2	-5	4	1	-1

Split={5(1, 3, 4, 7) Flipped

Split={5(1, 3, 4, 7) Not Flipped



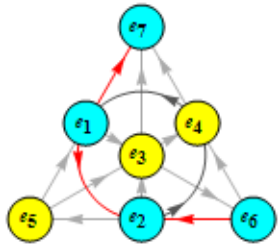
0→1	1	2	3	4	5	6	7
1	4	-6	2	-7	-3	-5	
2	-4	-1	7	1	6	-5	-3
3	6	-7	1	-5	-4	1	-2
4	-2	-1	5	1	3	-7	-6
5	7	-6	4	-3	-1	2	-1
6	3	5	-1	7	-2	-1	-4
7	5	3	2	6	1	4	1



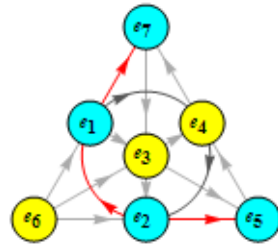
0→1	1	2	3	4	5	6	7
1	4	-5	-2	-3	-7	-6	
2	4	-1	-7	-1	6	-5	3
3	5	7	1	-6	1	-4	2
4	2	1	6	1	-7	3	-5
5	3	-6	-1	7	-1	2	-4
6	7	5	4	-3	-2	-1	-1
7	6	-3	-2	5	4	1	1

Split={6(1, 2, 6, 7) Flipped

Split={6(1, 2, 6, 7) Not Flipped



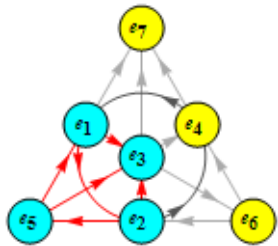
0→1	1	2	3	4	5	6	7
1	4	-4	6	-2	-7	3	-5
2	4	1	7	1	6	5	3
3	-6	-7	-1	5	-4	1	2
4	2	-1	-5	-1	3	-7	6
5	7	-6	4	-3	-1	2	-1
6	3	-5	-1	7	-2	1	4
7	5	-3	-2	-6	1	-4	1



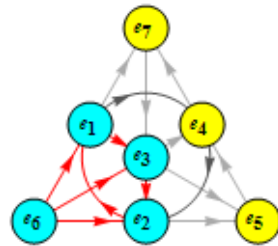
0→1	1	2	3	4	5	6	7
1	4	5	2	3	-7	-6	
2	-4	1	-7	-1	-6	-5	-3
3	-5	7	-1	6	1	-4	-2
4	-2	1	-6	-1	-7	3	5
5	-3	6	-1	7	1	2	4
6	7	5	4	-3	-2	-1	-1
7	6	3	2	-5	-4	1	1

Split={7(1, 2, 3, 5) Flipped

Split={7(1, 2, 3, 5) Not Flipped



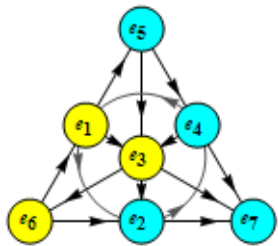
0→1	1	2	3	4	5	6	7
1	4	-4	-6	-2	7	-3	5
2	4	1	-7	1	-6	-5	-3
3	6	7	1	5	4	1	2
4	2	-1	-5	-1	3	-7	6
5	-7	6	-4	-3	1	2	-1
6	3	5	-1	7	-2	-1	-4
7	-5	3	-2	-6	1	4	-1



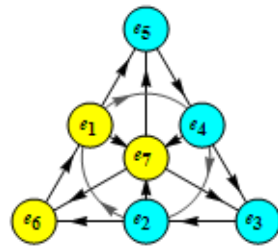
0→1	1	2	3	4	5	6	7
1	4	-5	2	-3	7	6	
2	-4	1	-7	-1	6	5	3
3	5	-7	1	6	1	4	-2
4	-2	1	-6	-1	-7	3	5
5	3	-6	-1	7	-1	2	-4
6	-7	-5	-4	-3	-2	1	-1
7	-6	-3	2	-5	4	1	-1

EBM10 Flip {(1, 2, 4), (1, 3, 7), (1, 5, 6), (2, 5, 3), (2, 7, 6), (3, 6, 4), (4, 7, 5)}

No Flip {(1, 4, 2), (1, 7, 3), (1, 5, 6), (2, 6, 3), (2, 7, 5), (3, 5, 4), (4, 7, 6)}



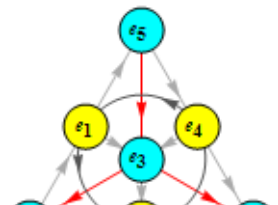
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	-5	1	3	-7	6
3	-7	5	-1	-6	-2	4	1
4	2	-1	6	-1	-7	-3	5
5	-6	-3	2	7	-1	1	-4
6	5	7	-4	3	-1	-1	-2
7	3	-6	-1	-5	4	2	-1



0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	-6	-1	-7	3	5
3	7	6	-1	-5	4	-2	-1
4	-2	1	5	-1	-3	-7	6
5	-6	7	-4	3	-1	1	-2
6	5	-3	2	7	-1	-1	-4
7	-3	-5	1	-6	2	4	-1

Split={1(3, 5, 6, 7) Flipped

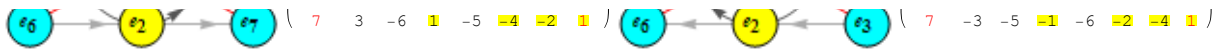
Split={1(3, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	-5	1	3	-7	6
3	-7	5	1	-6	2	-4	1
4	2	-1	6	-1	-7	-3	5
5	-6	-3	-2	7	1	-1	4
6	5	7	4	3	1	1	2

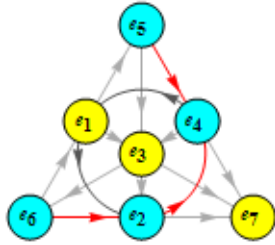


0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	-6	-1	-7	3	5
3	7	6	1	-5	-4	2	1
4	-2	1	5	-1	-3	-7	6
5	-6	7	4	3	1	-1	2
6	5	-3	-2	7	1	1	4

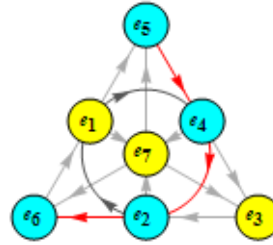


Split=2(2, 4, 5, 6) Flipped

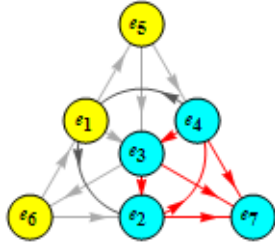
Split=2(2, 4, 5, 6) Not Flipped



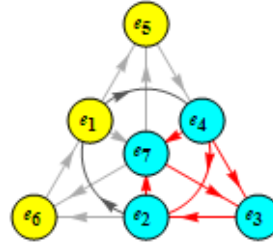
Split=3(2, 3, 4, 7) Flipped



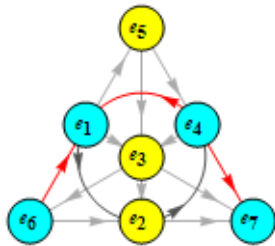
Split=3(2, 3, 4, 7) Not Flipped



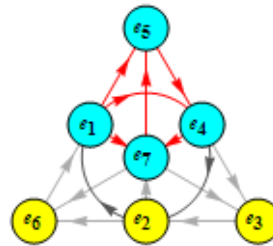
Split=4(1, 4, 6, 7) Flipped



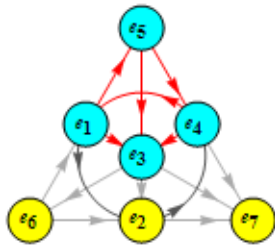
Split=4(1, 4, 6, 7) Not Flipped



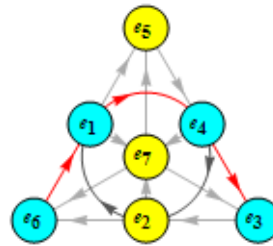
Split=5(1, 3, 4, 5) Flipped



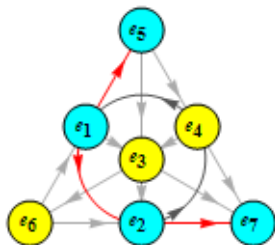
Split=5(1, 3, 4, 5) Not Flipped



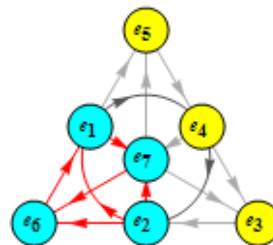
Split=6(1, 2, 5, 7) Flipped



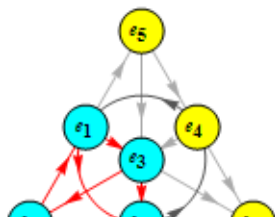
Split=6(1, 2, 5, 7) Not Flipped



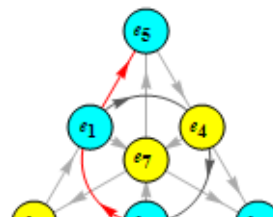
Split=7(1, 2, 3, 6) Flipped



Split=7(1, 2, 3, 6) Not Flipped



Split=7(1, 2, 3, 6) Flipped



Split=7(1, 2, 3, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	1	-5	-1	-3	7	6
3	-7	5	-1	-6	-2	4	1
4	2	1	6	1	7	3	5
5	-6	3	2	-7	1	-1	-4
6	5	-7	-4	-3	1	1	-2
7	3	-6	-1	-5	4	2	-1

0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	1	-6	1	7	-3	5
3	7	6	-1	-5	4	-2	-1
4	-2	-1	5	1	3	7	6
5	-6	-7	-4	-3	1	-1	-2
6	5	3	2	-7	1	1	-4
7	-3	-5	1	-6	2	4	-1

0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	1	5	-1	3	-7	-6
3	-7	-5	1	6	-2	4	-1
4	2	1	-6	1	-7	-3	-5
5	-6	-3	2	7	-1	1	-4
6	5	7	-4	3	-1	-1	-2
7	3	6	1	5	4	2	1

0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	1	6	1	-7	3	-5
3	7	-6	1	5	4	-2	1
4	-2	-1	-5	1	-3	-7	-6
5	-6	7	-4	3	-1	1	-2
6	5	-3	2	7	-1	-1	-4
7	-3	5	-1	6	2	4	1

0→1	1	2	3	4	5	6	7
1	1	4	7	2	6	5	3
2	-4	-1	-5	1	3	-7	6
3	-7	5	-1	-6	-2	4	1
4	-2	-1	6	1	-7	3	-5
5	-6	-3	2	7	-1	1	-4
6	-5	7	-4	-3	-1	1	2
7	-3	-6	-1	5	4	-2	1

0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	-6	-5	-3
2	4	-1	-6	-1	-7	3	5
3	7	6	-1	-5	4	-2	-1
4	2	1	5	1	3	-7	-6
5	6	7	-4	-3	1	1	2
6	5	-3	2	7	-1	-1	-4
7	3	-5	1	6	-2	4	1

0→1	1	2	3	4	5	6	7
1	1	4	-7	2	-6	-5	-3
2	-4	-1	-5	1	3	-7	6
3	7	5	1	6	2	4	1
4	-2	-1	-6	1	7	-3	5
5	6	-3	-2	-7	1	1	-4
6	5	7	-4	3	-1	-1	-2
7	3	-6	-1	-5	4	2	-1

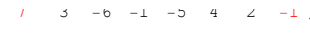
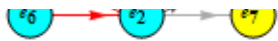
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	6	5	3
2	-4	-1	-6	-1	-7	3	5
3	-7	6	1	5	4	2	-1
4	2	1	-5	1	-3	7	6
5	-6	7	-4	3	-1	1	-2
6	-5	-3	-2	-7	-1	1	-4
7	-3	-5	1	-6	2	4	-1

0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	-6	-5	3
2	4	1	-5	1	-3	-7	-6
3	-7	5	-1	-6	-2	4	1
4	2	-1	6	-1	-7	-3	5
5	6	3	2	7	1	1	4
6	5	7	-4	3	-1	-1	-2
7	-3	6	-1	-5	-4	2	1

0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	-3
2	-4	1	-6	-1	-7	-3	-5
3	7	6	-1	-5	4	-2	-1
4	-2	1	5	-1	-3	-7	6
5	-6	7	-4	3	-1	1	-2
6	-5	3	2	7	-1	1	4
7	3	6	1	-6	2	-4	1

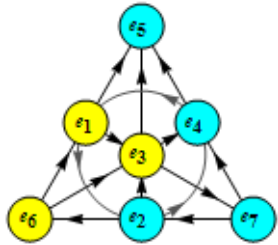
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	1	5	1	3	7	6
3	7	-5	1	-6	-2	-4	1
4	2	-1	6	-1	-7	-3	5
5	-6	-3	2	7	-1	1	-4
6	-5	-7	4	3	-1	1	-2
7	-3	-6	-1	-5	4	2	-1

0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	1	6	-1	7	3	5
3	-7	-6	1	-5	-4	-2	-1
4	-2	1	5	-1	-3	-7	6
5	6	-7	4	3	1	1	-2
6	5	-3	2	7	-1	-1	-4
7	-3	-6	-1	-5	4	2	-1



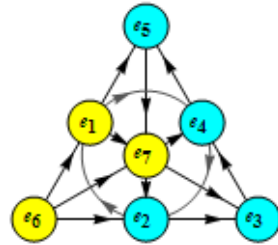
E8=243 Flip  $\{(1, 2, 4), (1, 3, 7), (1, 5, 6), (2, 3, 5), (2, 6, 7), (3, 4, 6), (4, 5, 7)\}$

No Flip  $\{(1, 4, 2), (1, 7, 3), (1, 5, 6), (2, 3, 6), (2, 5, 7), (3, 4, 5), (4, 6, 7)\}$



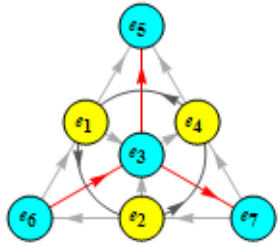
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	5	1	-3	7	-6
3	-7	-5	-1	6	2	-4	1
4	2	-1	-6	-1	7	3	-5
5	-6	3	-2	-7	-1	1	4
6	5	-7	4	-3	-1	-1	2
7	3	6	-1	5	-4	-2	-1

Split=1(3, 5, 6, 7) Flipped



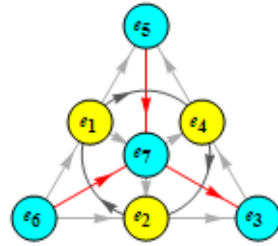
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	6	-1	7	-3	-5
3	7	-6	-1	5	-4	2	-1
4	-2	1	-5	-1	3	7	-6
5	-6	-7	4	-3	-1	1	2
6	5	3	-2	-7	-1	-1	4
7	-3	5	1	6	-2	-4	-1

Split=1(3, 5, 6, 7) Not Flipped



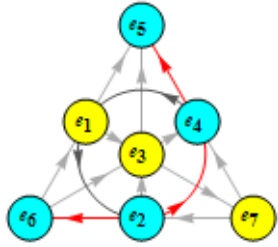
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	5	1	-3	7	-6
3	-7	-5	6	-2	4	-1	
4	2	-1	-6	-1	7	3	-5
5	-6	3	2	-7	-1	-4	
6	5	-7	-4	-3	1	-2	
7	3	6	5	4	2	1	

Split=2(2, 4, 5, 6) Flipped



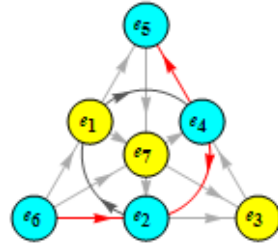
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	6	-1	7	-3	-5
3	7	-6	5	4	-2	1	
4	-2	1	-5	-1	3	7	-6
5	-6	-7	-4	-3	-1	-2	
6	5	3	2	-7	1	-4	
7	-3	5	-1	6	2	4	1

Split=2(2, 4, 5, 6) Not Flipped



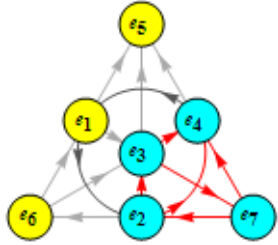
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	5	-1	3	-7	-6	
3	-7	-5	-1	6	2	-4	1
4	2	-1	-6	-1	7	3	-5
5	-6	3	2	-7	-1	4	
6	5	-7	4	-3	1	2	
7	3	6	-1	5	-4	-2	-1

Split=3(2, 3, 4, 7) Flipped



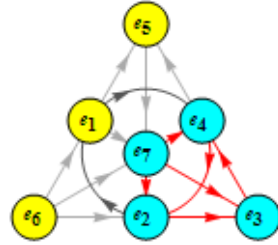
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	6	-1	-7	3	-5	
3	7	-6	-1	5	-4	2	-1
4	-2	-1	-5	-1	3	7	-6
5	-6	7	4	3	-1	2	
6	5	-3	-2	7	1	4	
7	-3	5	1	6	-2	-4	-1

Split=3(2, 3, 4, 7) Not Flipped



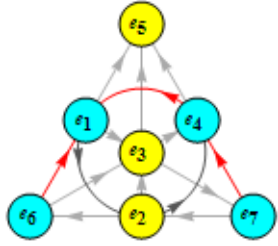
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	5	-1	-3	7	6	
3	-7	5	-6	2	-4	-1	
4	2	-1	-6	-1	7	3	5
5	-6	3	-2	-7	-1	1	4
6	5	-7	4	-3	-1	-1	2
7	3	-6	5	-4	-2	1	

Split=4(1, 4, 6, 7) Flipped



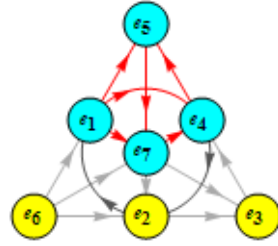
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	6	-1	-7	3	5	
3	7	6	-5	-4	2	1	
4	-2	-1	5	1	3	7	6
5	-6	-7	4	-3	-1	1	2
6	5	3	-2	-7	-1	-1	4
7	-3	-5	-1	-6	-2	-4	1

Split=4(1, 4, 5, 7) Not Flipped



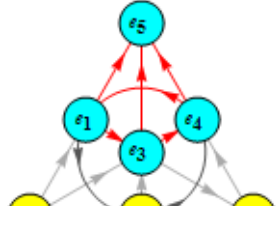
0→1	1	2	3	4	5	6	7
1	4	7	2	6	5	3	
2	-4	-1	5	1	-3	7	-6
3	-7	-5	-1	6	2	-4	1
4	-2	-1	-6	-1	7	3	5
5	-6	3	-2	-7	-1	1	4
6	5	-7	4	-3	-1	-1	2
7	3	6	-1	5	-4	2	1

Split=5(1, 3, 4, 5) Flipped

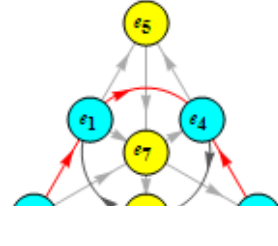


0→1	1	2	3	4	5	6	7
1	-4	-7	-2	-6	-5	-3	
2	4	-1	6	-1	7	-3	-5
3	7	-6	-1	5	-4	2	-1
4	2	1	-5	-1	3	7	6
5	6	-7	4	3	1	-2	
6	5	3	-2	-7	-1	-1	4
7	3	5	1	-6	2	-4	1

Split=5(1, 3, 4, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	4	7	2	6	5	-3	
2	-4	-1	5	1	-3	7	-6
3	7	-5	-1	6	2	-4	1
4	-2	-1	-6	-1	7	3	-5
5	6	3	2	7	1	4	
6	5	-7	4	-3	-1	-1	2

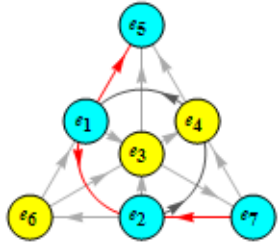


0→1	1	2	3	4	5	6	7
1	-4	7	-2	6	5	3	
2	4	-1	6	-1	7	-3	-5
3	-7	-6	-1	5	-4	-2	-1
4	2	1	5	1	3	-7	-6
5	-6	-7	4	-3	-1	1	2
6	-5	3	2	7	-1	4	

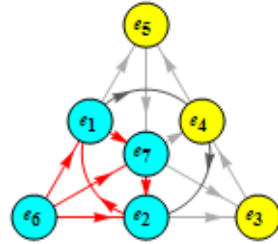


Split=6(1, 2, 5, 7) Flipped

Split=6(1, 2, 6, 7) Not Flipped



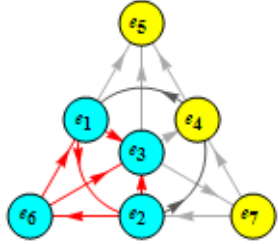
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	-6	-5	3
2	4	1	5	1	3	7	6
3	-7	-5	-1	6	2	-4	1
4	2	-1	-6	-1	7	3	-5
5	6	-3	-2	-7	1	1	-4
6	5	-7	4	-3	-1	-1	2
7	-3	-6	-1	5	4	-2	1



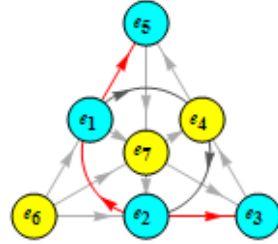
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	-3
2	-4	1	6	-1	7	3	5
3	7	-6	-1	5	-4	2	-1
4	-2	1	-5	-1	3	7	-6
5	-6	-7	4	-3	-1	1	2
6	-5	-3	-2	-7	-1	1	-4
7	3	-5	1	6	-2	4	1

Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 5) Not Flipped



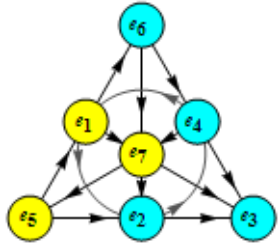
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	1	-5	1	-3	-7	-6
3	7	5	1	6	2	4	1
4	2	-1	-6	-1	7	3	-5
5	-6	3	-2	-7	-1	1	4
6	-5	7	-4	-3	-1	1	2
7	3	6	-1	5	-4	-2	-1



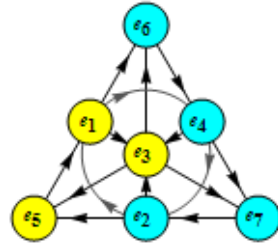
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	1	-6	-1	-7	-3	-5
3	-7	6	1	5	4	2	-1
4	-2	1	-5	-1	3	7	-6
5	6	7	-4	-3	1	1	2
6	5	3	-2	-7	-1	-1	4
7	-3	5	1	6	-2	-4	-1

EB8130 Flip ((1, 2, 4), (1, 7, 3), (1, 6, 5), (2, 3, 5), (2, 6, 7), (3, 6, 4), (4, 7, 5))

No Flip ((1, 4, 2), (1, 3, 7), (1, 6, 5), (2, 3, 6), (2, 5, 7), (3, 5, 4), (4, 7, 6))



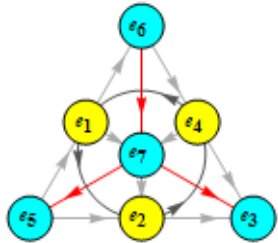
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	5	1	-3	7	-6
3	7	-5	-1	-6	2	4	-1
4	2	-1	6	-1	-7	-3	5
5	6	3	-2	7	-1	-1	-4
6	-5	-7	-4	3	1	-1	2
7	-3	6	1	-5	4	-2	-1



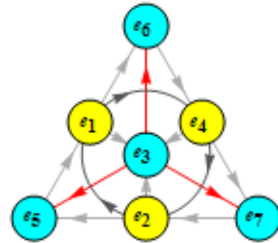
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	6	-1	7	-3	-5
3	-7	-6	-1	-5	4	2	1
4	-2	1	5	-1	-3	-7	6
5	6	-7	-4	3	-1	-1	2
6	-5	3	-2	7	1	-1	-4
7	3	5	-1	-6	-2	4	-1

Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



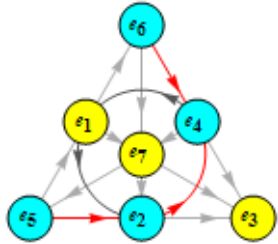
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	5	1	-3	7	-6
3	7	-5	1	-6	-2	4	1
4	2	-1	6	-1	-7	-3	5
5	6	3	2	7	1	1	4
6	-5	-7	4	3	-1	1	-2
7	-3	6	-1	-5	-4	2	1



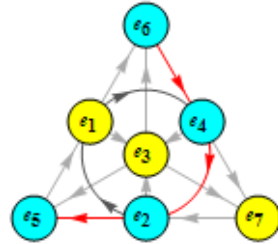
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	6	-1	7	-3	-5
3	-7	-6	1	-5	-4	2	1
4	-2	1	5	-1	-3	-7	6
5	6	-7	4	3	1	1	-2
6	-5	3	2	7	-1	1	4
7	3	5	1	-6	2	-4	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



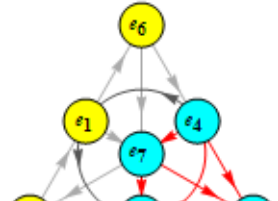
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	1	5	-1	3	-7	-6
3	7	-5	-1	-6	2	4	-1
4	2	1	6	1	7	3	5
5	6	-3	-2	-7	1	1	-4
6	-5	7	-4	-3	-1	1	2
7	-3	6	1	-5	4	-2	-1



0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	1	6	1	-7	3	-5
3	-7	-6	-1	-5	4	2	1
4	-2	-1	5	1	3	7	6
5	6	7	-4	-3	1	1	2
6	-5	-3	-2	-7	-1	1	-4
7	3	5	-1	-6	-2	4	-1

Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



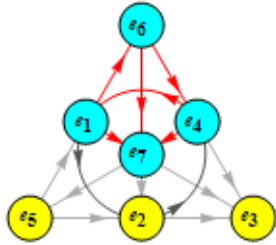
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	1	-5	-1	-3	7	6
3	7	5	1	6	2	4	1
4	2	1	-6	1	-7	-3	-5
5	6	3	-2	7	-1	-1	-4
6	-5	-7	-4	3	1	-1	2



0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	1	-6	1	7	-3	5
3	-7	6	1	5	4	2	-1
4	-2	-1	-5	1	-3	-7	-6
5	6	-7	-4	3	-1	-1	2
6	-5	3	-2	7	1	-1	-4

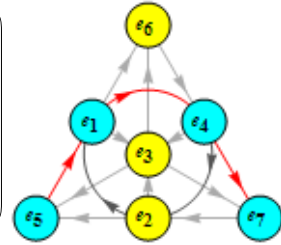


Split=4(1, 4, 6, 7) Flipped



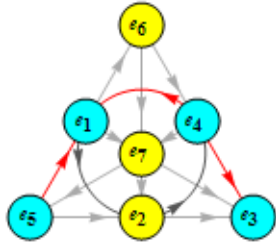
0→1	1	2	3	4	5	6	7
1	4	-7	2	-6	-5	-3	
2	-4	-1	5	1	-3	7	-6
3	7	-5	-1	-6	2	4	-1
4	-2	-1	6	1	-7	3	-5
5	6	3	-2	7	-1	-1	-4
6	5	-7	-4	-3	1	1	-2
7	3	6	1	5	4	2	1

Split=4(1, 4, 5, 7) Not Flipped



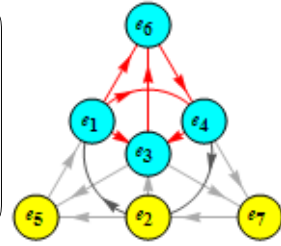
0→1	1	2	3	4	5	6	7
1	-4	7	-2	6	5	3	
2	4	-1	6	-1	7	-3	-5
3	-7	-6	-1	-5	4	2	1
4	2	1	5	1	3	-7	-6
5	-6	-7	-4	-3	1	-1	-2
6	-5	3	-2	7	1	-1	-4
7	-3	5	-1	6	2	4	1

Split=5(1, 3, 4, 5) Flipped



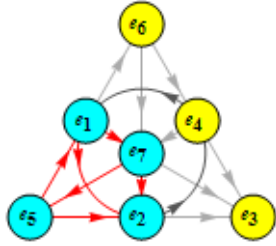
0→1	1	2	3	4	5	6	7
1	4	7	2	6	5	3	
2	-4	-1	5	1	-3	7	-6
3	-7	-5	1	6	-2	4	-1
4	-2	-1	-6	1	7	-3	5
5	-6	3	2	-7	1	-1	-4
6	-5	-7	-4	3	1	-1	2
7	-3	6	1	-5	4	-2	-1

Split=5(1, 3, 4, 6) Not Flipped



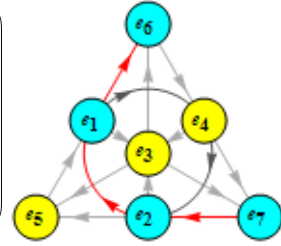
0→1	1	2	3	4	5	6	7
1	-4	-7	-2	-6	-5	-3	
2	4	-1	6	-1	7	-3	-5
3	-7	-6	1	5	4	-2	1
4	2	1	-5	1	-3	7	6
5	6	-7	-4	3	-1	-1	2
6	5	3	2	-7	1	1	-4
7	3	5	-1	-6	-2	4	-1

Split=6(1, 2, 5, 7) Flipped



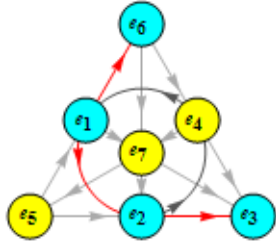
0→1	1	2	3	4	5	6	7
1	-4	-7	-2	6	5	-3	
2	4	1	5	1	3	7	6
3	-7	-5	-1	-6	2	4	-1
4	2	-1	6	-1	-7	-3	5
5	-6	-3	-2	7	1	-1	4
6	-5	-7	-4	3	1	-1	2
7	3	-6	1	-5	-4	-2	1

Split=6(1, 2, 6, 7) Not Flipped



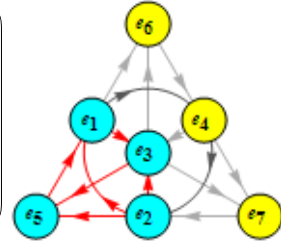
0→1	1	2	3	4	5	6	7
1	4	7	2	-6	-5	3	
2	-4	1	6	-1	7	3	5
3	-7	-6	-1	-5	4	2	1
4	-2	1	5	-1	-3	-7	6
5	6	-7	-4	3	-1	-1	2
6	5	-3	-2	7	1	1	4
7	-3	-5	-1	-6	-2	-4	1

Split=7(1, 2, 3, 6) Flipped



0→1	1	2	3	4	5	6	7
1	-4	7	-2	-6	5	-3	
2	4	1	-5	1	-3	-7	-6
3	-7	5	1	-6	2	-4	-1
4	2	-1	6	-1	-7	-3	5
5	6	3	-2	7	-1	-1	-4
6	5	7	4	3	1	1	2
7	-3	6	1	-5	4	-2	-1

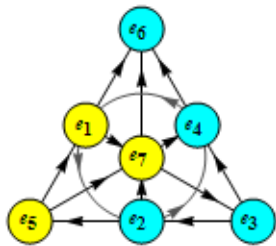
Split=7(1, 2, 3, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	4	-7	2	6	5	-3	
2	-4	1	-6	-1	-7	-3	-5
3	-7	6	1	-5	-4	2	1
4	-2	1	5	-1	-3	-7	6
5	-6	7	4	3	1	-1	2
6	-5	3	-2	7	1	-1	-4
7	3	5	-1	-6	-2	4	-1

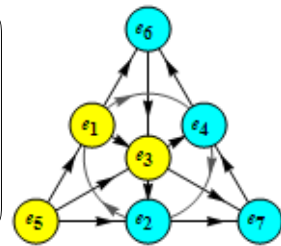
EBH237 Flip {(1, 2, 4), (1, 7, 3), (1, 6, 5), (2, 5, 3), (2, 7, 6), (3, 4, 6), (4, 5, 7)}

No Flip {(1, 4, 2), (1, 3, 7), (1, 6, 5), (2, 6, 3), (2, 7, 5), (3, 4, 5), (4, 6, 7)}



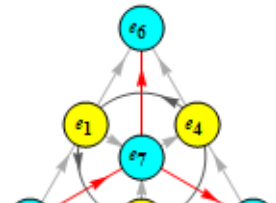
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	-5	1	3	-7	6
3	7	5	-1	6	-2	-4	-1
4	2	-1	-6	-1	7	3	-5
5	6	-3	2	-7	-1	-1	4
6	-5	7	4	-3	1	-1	-2
7	-3	-6	1	5	-4	2	-1

Split=1(3, 5, 6, 7) Flipped



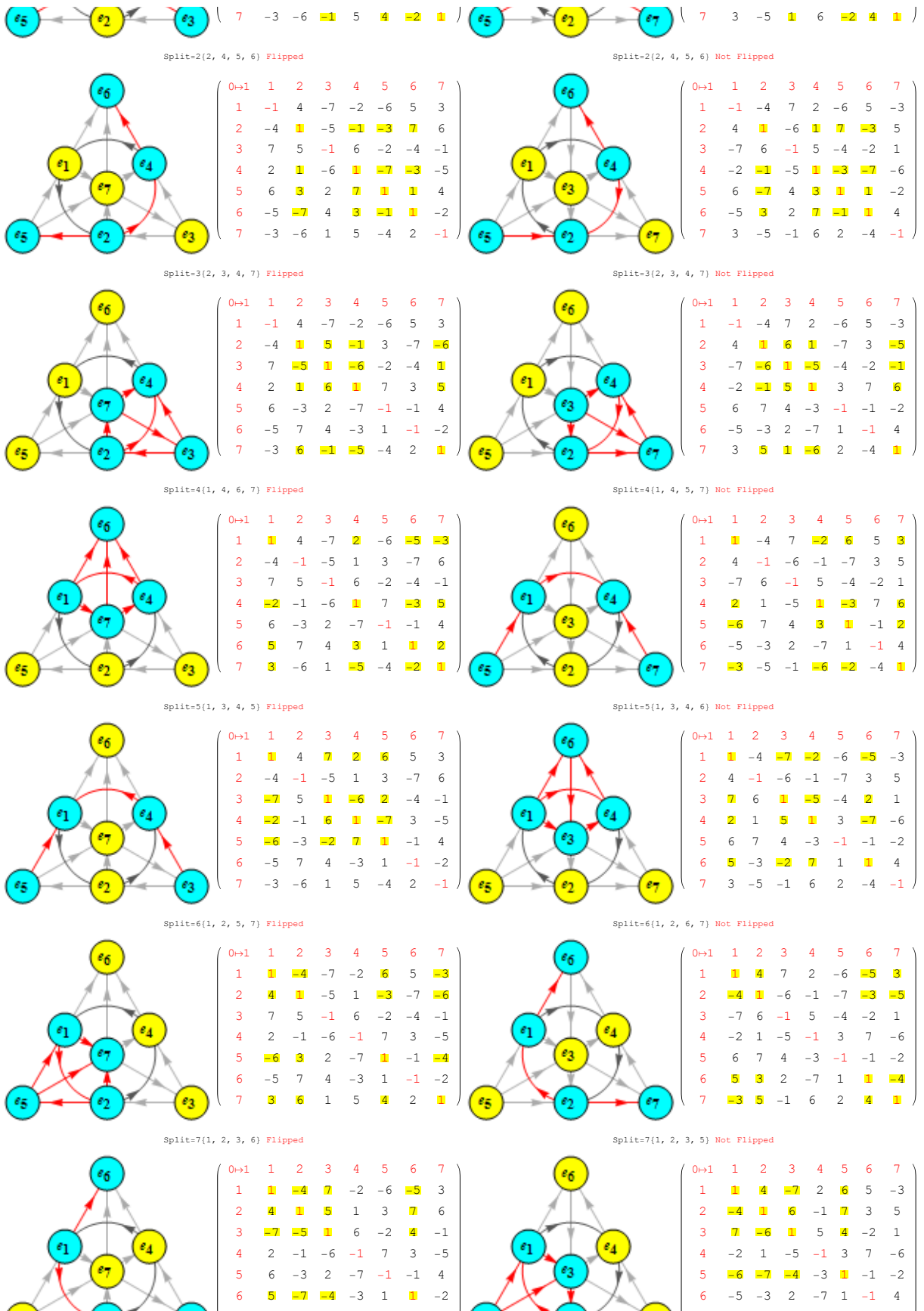
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	-6	-1	-7	3	5
3	-7	6	-1	5	-4	-2	1
4	-2	1	-5	-1	3	7	-6
5	6	7	4	-3	-1	-1	-2
6	-5	-3	2	-7	1	-1	4
7	3	-5	-1	6	2	-4	-1

Split=1(3, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	-5	1	3	-7	6
3	7	5	1	6	2	4	1
4	2	-1	-6	-1	7	3	-5
5	6	-3	-2	-7	1	1	-4
6	-5	7	-4	-3	-1	1	2

0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	-6	-1	-7	3	5
3	-7	6	1	5	4	2	1
4	-2	1	-5	-1	3	7	-6
5	6	7	-4	-3	1	1	2
6	-5	-3	-2	-7	-1	1	-4

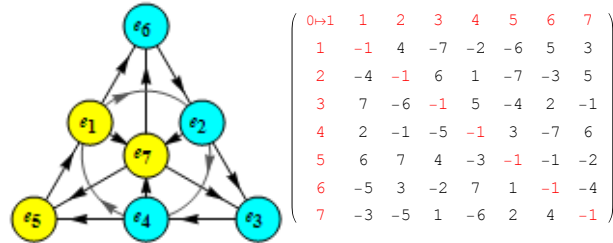
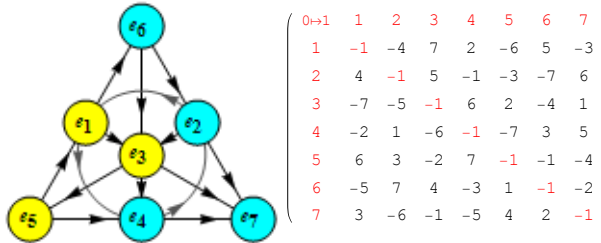






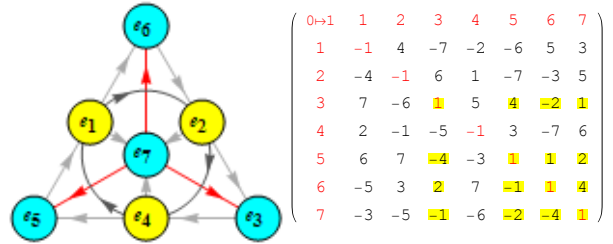
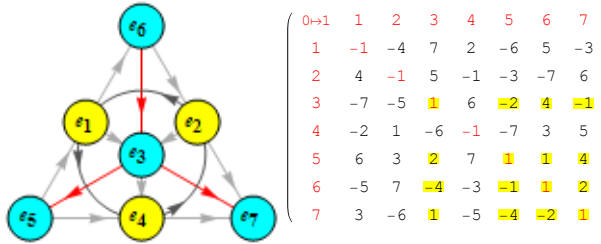
BB#96 Flip  $\{(1, 4, 2), (1, 3, 7), (1, 6, 5), (2, 3, 5), (2, 7, 6), (3, 4, 6), (4, 7, 5)\}$

No Flip  $\{(1, 2, 4), (1, 7, 3), (1, 6, 5), (2, 3, 6), (2, 7, 5), (3, 4, 5), (4, 7, 6)\}$



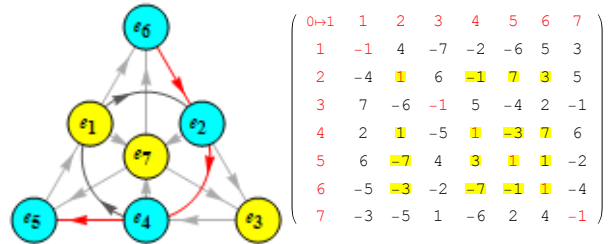
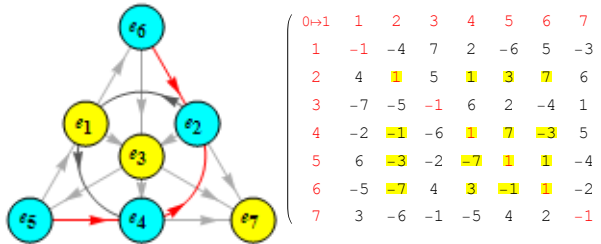
Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



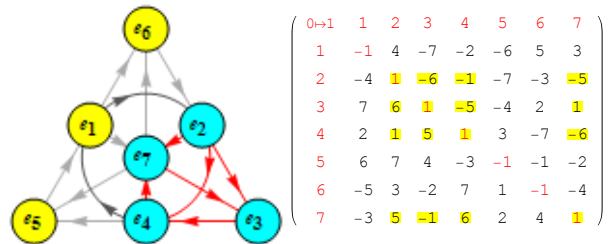
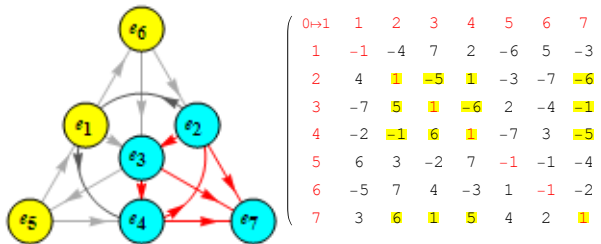
Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



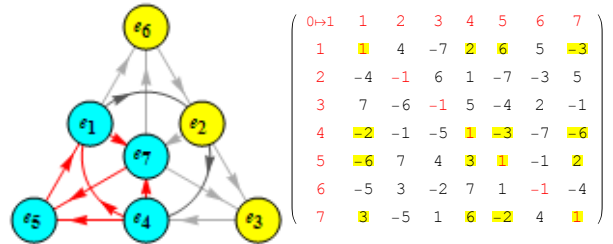
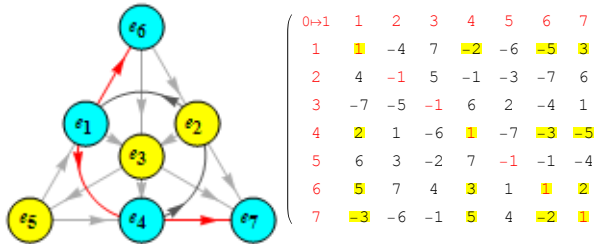
Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



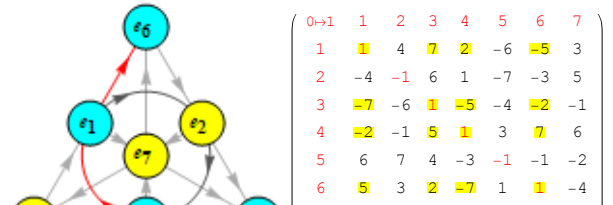
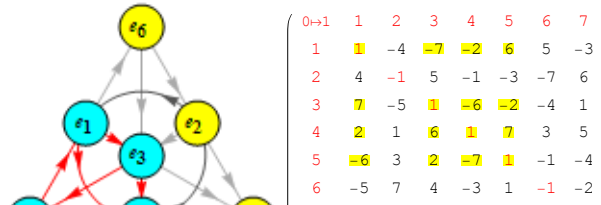
Split=4(1, 4, 6, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



Split=5(1, 3, 4, 5) Flipped

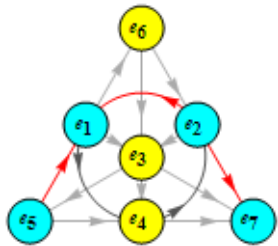
Split=5(1, 3, 4, 5) Not Flipped



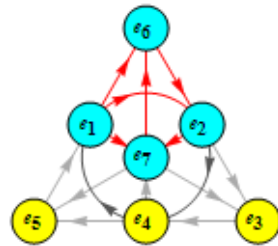


Split=6(1, 2, 5, 7) Flipped

Split=6(1, 2, 6, 7) Not Flipped



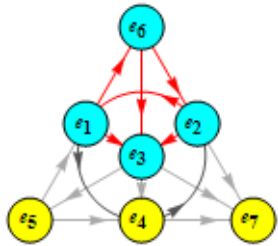
0→1	1	2	3	4	5	6	7
1	4	7	2	6	5	3	
2	4	5	-1	3	-7	6	
3	-7	-5	-1	6	2	-4	1
4	-2	1	-6	-1	-7	3	5
5	6	-3	-2	7	1	-1	4
6	-5	7	4	-3	1	-1	-2
7	3	6	-1	-5	-4	2	1



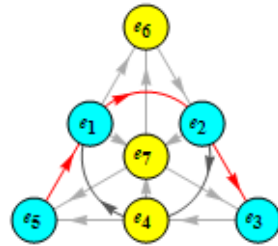
0→1	1	2	3	4	5	6	7
1	4	-7	-2	-6	-5	3	
2	4	6	1	-7	3	-5	
3	7	-6	-1	5	-4	2	-1
4	2	-1	-5	-1	3	-7	6
5	6	7	4	-3	-1	-1	-2
6	5	-3	-2	7	1	1	4
7	3	5	1	-6	2	-4	1

Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 5) Not Flipped



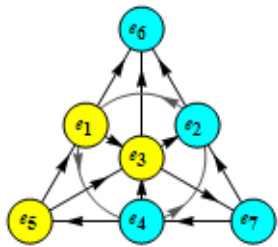
0→1	1	2	3	4	5	6	7
1	4	7	2	-6	-5	-3	
2	4	5	-1	-3	7	6	
3	7	5	6	2	4	1	
4	-2	1	-6	-1	-7	3	5
5	6	3	-2	7	-1	-1	-4
6	5	-7	-4	-3	1	1	-2
7	3	-6	-1	-5	4	2	-1



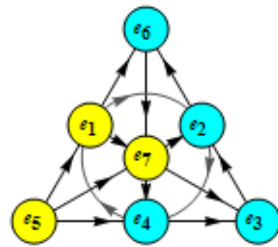
0→1	1	2	3	4	5	6	7
1	4	7	-2	6	5	3	
2	4	6	1	7	-3	5	
3	-7	6	5	4	2	-1	
4	2	-1	-5	-1	3	-7	6
5	-6	-7	-4	-3	1	-1	-2
6	-5	3	-2	7	1	-1	-4
7	-3	-5	1	-6	2	4	-1

EBH232 Flip ((1, 4, 2), (1, 3, 7), (1, 6, 5), (2, 5, 3), (2, 6, 7), (3, 6, 4), (4, 5, 7))

No Flip ((1, 2, 4), (1, 7, 3), (1, 6, 5), (2, 6, 3), (2, 5, 7), (3, 5, 4), (4, 6, 7))



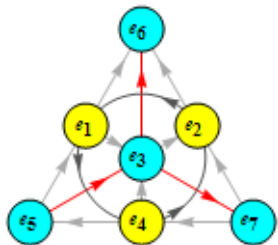
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	-5	-1	3	7	-6
3	-7	5	-1	-6	-2	4	1
4	-2	1	6	-1	7	-3	-5
5	6	-3	2	-7	-1	-1	4
6	-5	-7	-4	3	1	-1	2
7	3	6	-1	5	-4	-2	-1



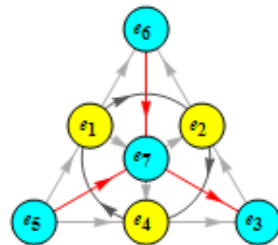
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	-6	1	7	3	-5
3	7	6	-1	-5	4	-2	-1
4	2	-1	5	-1	-3	7	-6
5	6	-7	-4	3	-1	-1	2
6	-5	-3	2	-7	1	-1	4
7	-3	5	1	6	-2	-4	-1

Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



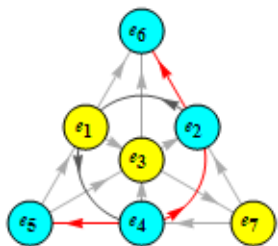
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	-1	-5	-1	3	7	-6
3	-7	5	-6	2	-4	1	
4	-2	1	6	-1	7	-3	-5
5	6	-3	-2	-7	1	1	4
6	-5	-7	3	-1	1	-2	
7	3	6	5	4	2	1	



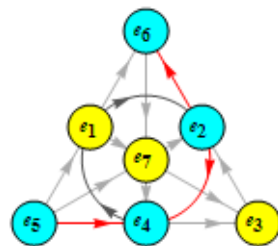
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	-1	-6	1	7	3	-5
3	7	6	-1	-5	4	2	1
4	2	-1	5	-1	-3	7	-6
5	6	-7	4	3	1	1	2
6	-5	-3	-2	-7	-1	1	-4
7	-3	5	-1	6	2	4	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	5	-5	1	-3	-7	-6
3	-7	5	-1	-6	-2	4	1
4	-2	-1	6	1	-7	3	-5
5	6	3	2	7	1	1	4
6	-5	7	-4	-3	-1	1	2
7	3	6	-1	5	-4	-2	-1



0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	1	-6	-1	-7	-3	-5
3	7	6	-1	-5	4	2	1
4	2	1	5	1	3	-7	-6
5	6	7	-4	-3	1	1	2
6	-5	3	2	7	-1	1	4
7	-3	5	1	6	-2	-4	-1

Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	-6	5	-3
2	4	5	1	3	7	6	
3	-7	-5	1	6	-2	4	-1
4	-2	-1	6	1	7	-3	5
5	6	-3	2	-7	-1	-1	4
6	-5	-7	-4	3	1	-1	2

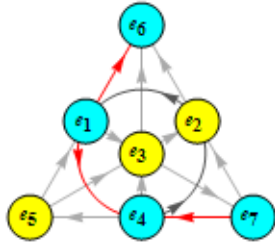


0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	-6	5	3
2	-4	1	6	-1	7	3	5
3	7	6	1	5	4	-2	1
4	2	1	5	1	-3	7	6
5	6	-7	-4	3	-1	-1	2
6	-5	-3	2	-7	1	-1	4

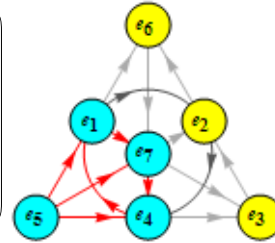


Split=4(1, 4, 6, 7) Flipped

Split=4(1, 4, 5, 7) Not Flipped



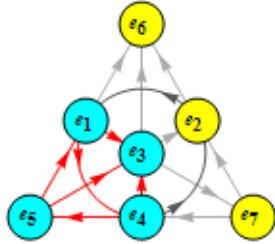
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	-6	-5	3
2	4	-1	-5	-1	3	7	-6
3	-7	5	-1	-6	-2	4	1
4	2	1	6	1	7	3	5
5	6	-3	2	-7	-1	-1	4
6	5	-7	-4	-3	1	1	-2
7	-3	6	-1	-5	-4	2	1



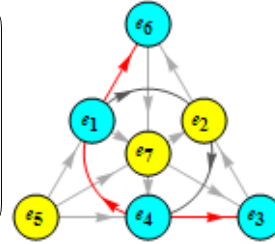
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	-3
2	-4	-1	-6	1	7	3	-5
3	7	6	-1	-5	4	-2	-1
4	-2	-1	5	1	3	7	6
5	-6	-7	-4	-3	1	-1	-2
6	-5	-3	2	-7	1	-1	4
7	3	5	1	-6	2	-4	1

Split=5(1, 3, 4, 5) Flipped

Split=5(1, 3, 4, 6) Not Flipped



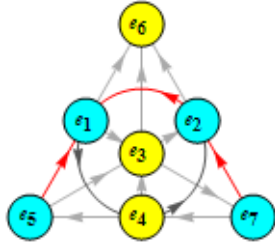
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	-1	-5	-1	3	7	-6
3	7	5	1	6	2	4	1
4	2	1	-6	1	-7	-3	-5
5	-6	-3	-2	7	1	-1	4
6	-5	-7	-4	3	1	-1	2
7	3	6	-1	5	-4	-2	-1



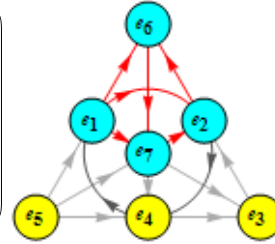
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	-1	-6	1	7	3	-5
3	-7	5	1	5	4	2	-1
4	-2	-1	-5	1	-3	-7	-6
5	6	-7	-4	3	-1	-1	2
6	5	-3	-2	7	1	1	4
7	-3	5	1	6	-2	-4	-1

Split=6(1, 2, 5, 7) Flipped

Split=6(1, 2, 6, 7) Not Flipped



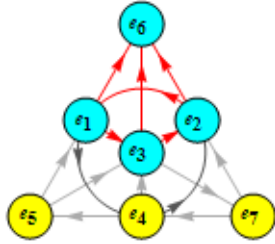
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	5	3
2	-4	1	-5	-1	-3	7	6
3	-7	5	-1	-6	-2	4	1
4	-2	1	6	-1	7	-3	-5
5	6	-3	2	-7	1	-1	-4
6	-5	-7	-4	3	1	-1	2
7	-3	-6	-1	5	4	-2	1



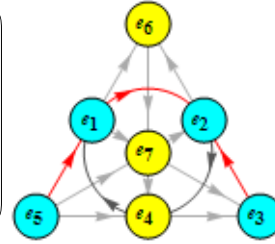
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	-6	-5	3
2	4	1	-6	1	7	-3	5
3	7	5	-1	-6	-2	4	1
4	-2	-1	5	-1	-3	7	-6
5	6	-7	-4	3	-1	-1	2
6	-5	-3	2	-7	1	1	-4
7	-3	-6	-1	5	4	-2	1

Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 5) Not Flipped



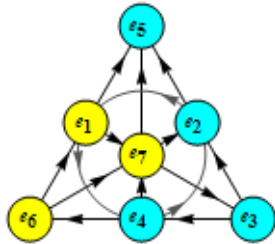
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	-6	-5	-3
2	-4	1	5	-1	3	-7	-6
3	7	-5	1	-6	-2	-4	1
4	-2	1	6	-1	7	-3	-5
5	6	-3	2	-7	-1	-1	4
6	-5	-7	-4	3	1	1	2
7	-3	6	-1	5	-4	-2	-1



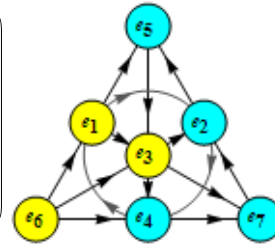
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	-6	-5	3
2	4	1	6	1	-7	3	-5
3	-7	-6	1	-5	-4	-2	-1
4	-2	-1	5	-1	-3	7	-6
5	6	-7	-4	3	1	-1	2
6	-5	-3	2	-7	1	-1	4
7	-3	5	1	6	-2	-4	-1

EBM100 Flip {(1, 4, 2), (1, 7, 3), (1, 5, 6), (2, 5, 3), (2, 6, 7), (3, 4, 6), (4, 7, 5)}

No Flip {(1, 2, 4), (1, 3, 7), (1, 5, 6), (2, 6, 3), (2, 5, 7), (3, 4, 5), (4, 7, 6)}



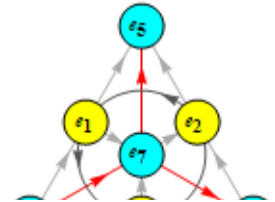
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	-5	-1	3	7	-6
3	7	5	-1	6	-2	-4	-1
4	-2	1	-6	-1	-7	3	5
5	-6	-3	2	7	-1	1	-4
6	5	-7	4	-3	-1	-1	2
7	-3	6	1	-5	4	-2	-1



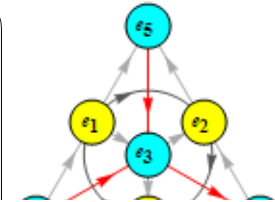
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	-6	1	7	3	-5
3	-7	5	-1	5	-4	-2	1
4	2	-1	-5	-1	3	-7	6
5	-6	-7	4	-3	-1	1	2
6	5	-3	2	7	-1	-1	-4
7	3	5	-1	-6	-2	4	-1

Split=1(3, 5, 6, 7) Flipped

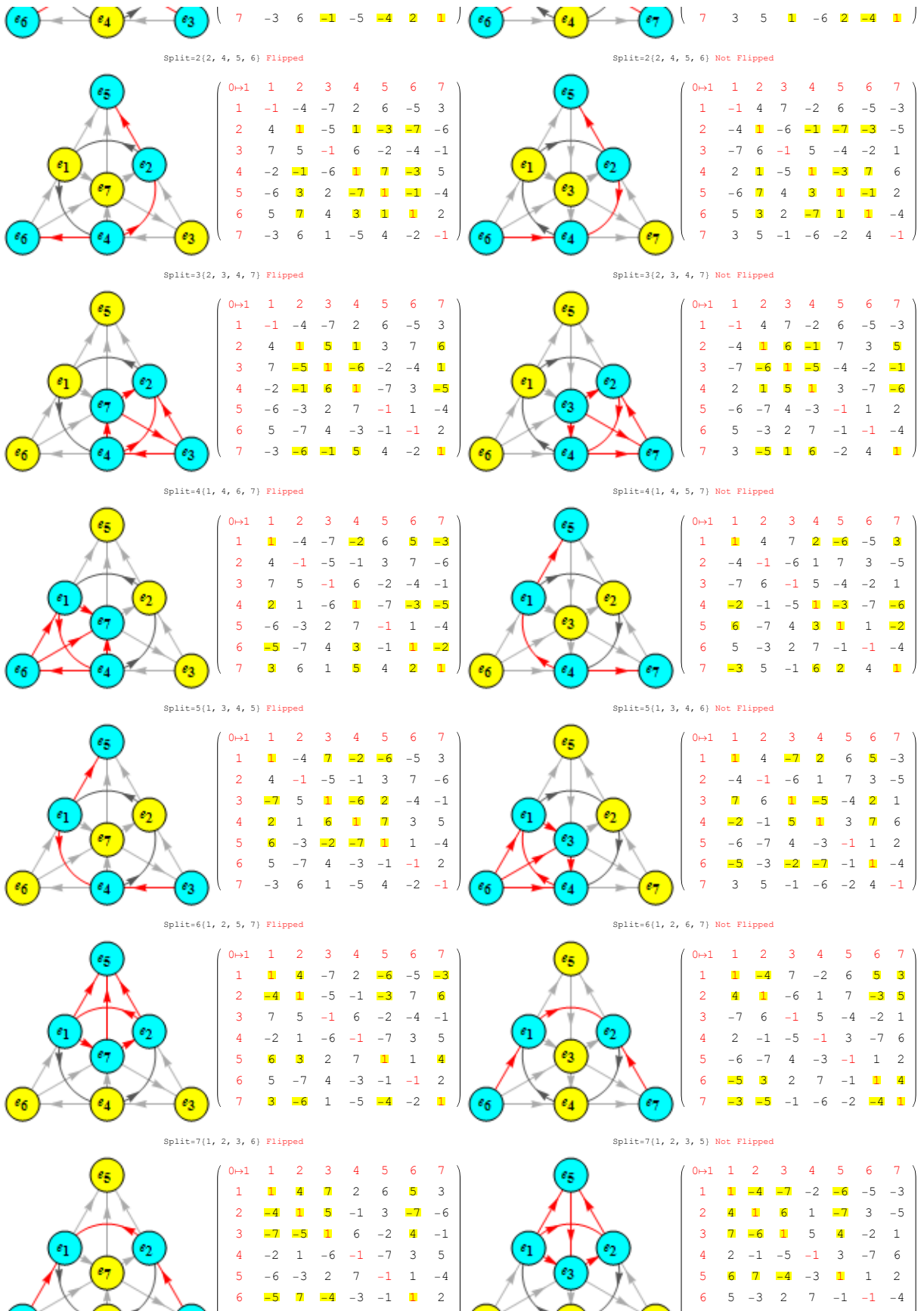
Split=1(3, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	6	-5	3
2	4	-1	-5	-1	3	7	-6
3	7	5	1	6	2	4	1
4	-2	1	-6	-1	-7	3	5
5	-6	-3	-2	7	1	-1	4
6	5	-7	-4	-3	1	1	-2



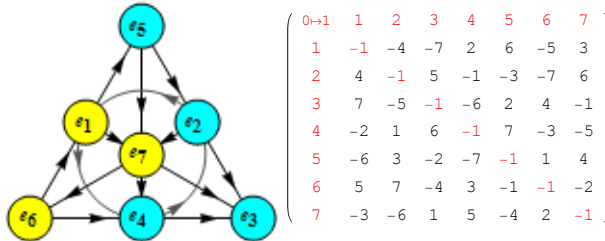
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	6	-5	-3
2	-4	-1	-6	1	7	3	-5
3	-7	5	1	5	4	2	-1
4	2	-1	-5	-1	3	-7	6
5	-6	-7	-4	-3	1	-1	-2
6	5	-3	-2	7	1	1	4



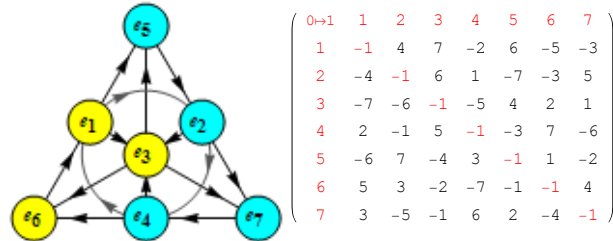


EBH228 Flip  $\{(1, 4, 2), (1, 7, 3), (1, 5, 6), (2, 3, 5), (2, 7, 6), (3, 6, 4), (4, 5, 7)\}$

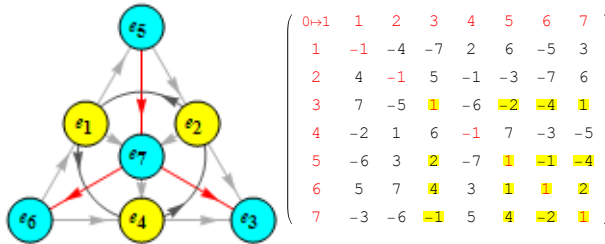
No Flip  $\{(1, 2, 4), (1, 3, 7), (1, 5, 6), (2, 3, 6), (2, 7, 5), (3, 5, 4), (4, 6, 7)\}$



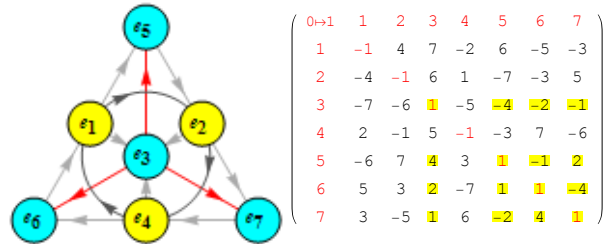
Split=1(3, 5, 6, 7) Flipped



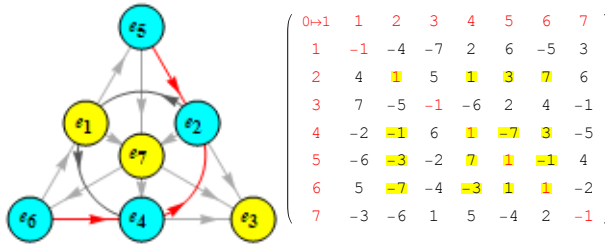
Split=1(3, 5, 6, 7) Not Flipped



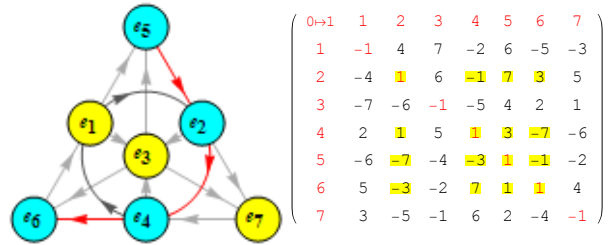
Split=2(2, 4, 5, 6) Flipped



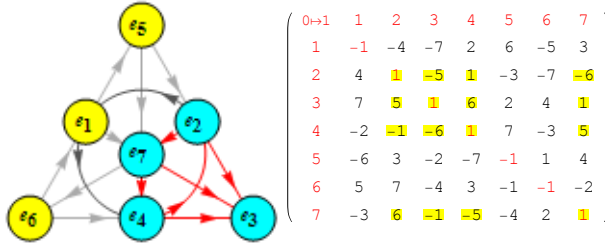
Split=2(2, 4, 5, 6) Not Flipped



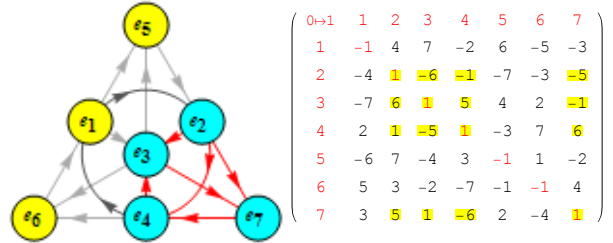
Split=3(2, 3, 4, 7) Flipped



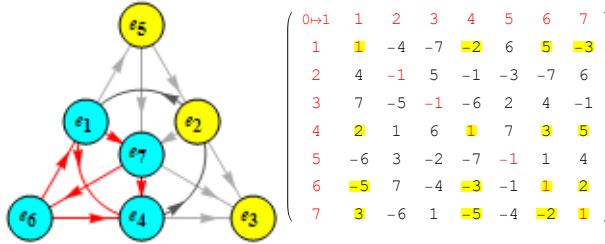
Split=3(2, 3, 4, 7) Not Flipped



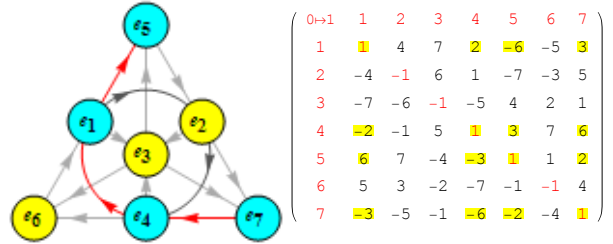
Split=4(1, 4, 6, 7) Flipped



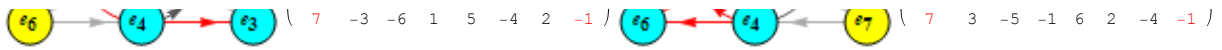
Split=4(1, 4, 6, 7) Not Flipped



Split=5(1, 3, 4, 5) Flipped

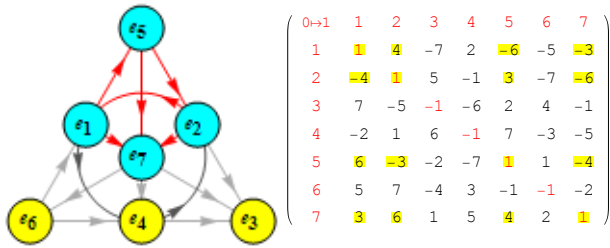


Split=5(1, 3, 4, 5) Not Flipped

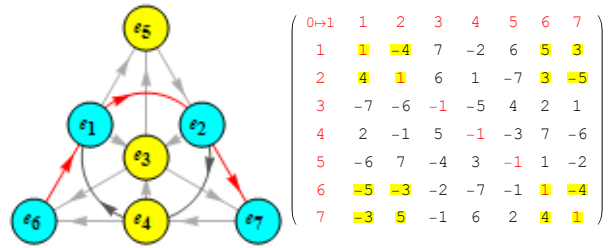


Split=6(1, 2, 5, 7) Flipped

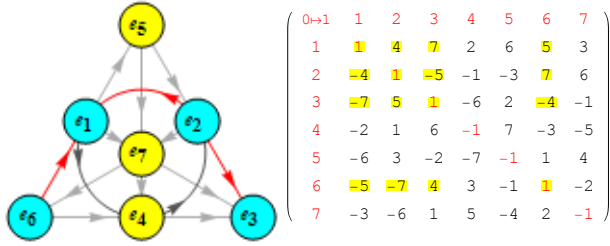
Split=6(1, 2, 6, 7) Not Flipped



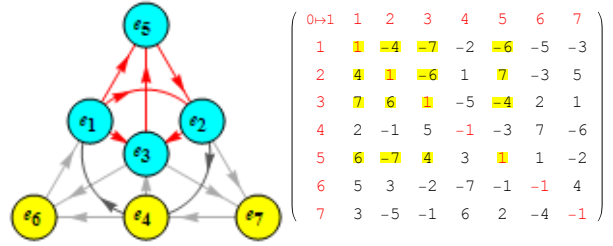
Split=7(1, 2, 3, 6) Flipped



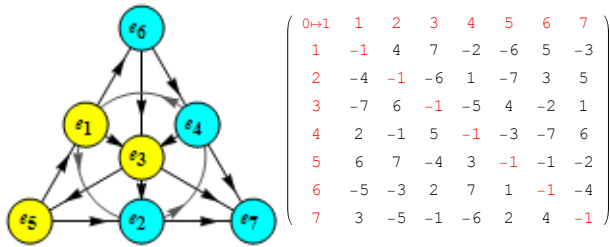
Split=7(1, 2, 3, 5) Not Flipped



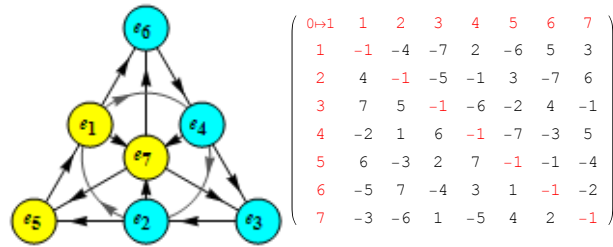
ESn14 Flip {(1, 2, 4), (1, 3, 7), (1, 6, 5), (2, 6, 3), (2, 7, 5), (3, 5, 4), (4, 7, 6)}



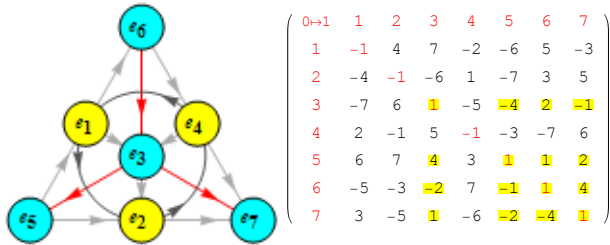
No Flip {(1, 4, 2), (1, 7, 3), (1, 6, 5), (2, 5, 3), (2, 7, 6), (3, 6, 4), (4, 7, 5)}



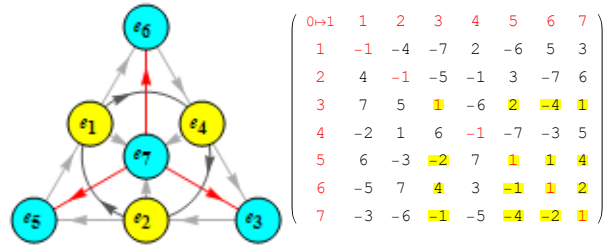
Split=1(3, 5, 6, 7) Flipped



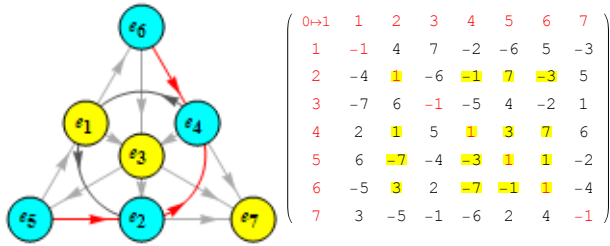
Split=1(3, 5, 6, 7) Not Flipped



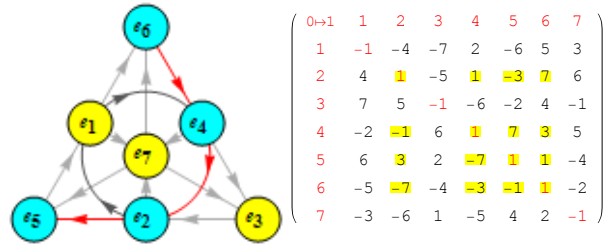
Split=2(2, 4, 5, 6) Flipped



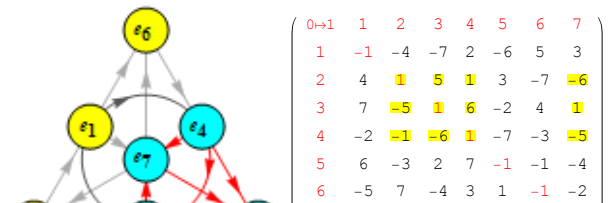
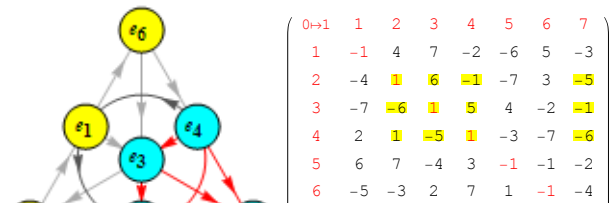
Split=2(2, 4, 5, 6) Not Flipped

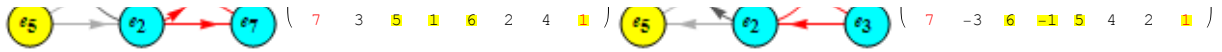


Split=3(2, 3, 4, 7) Flipped



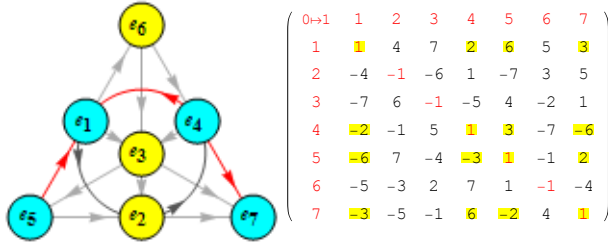
Split=3(2, 3, 4, 7) Not Flipped



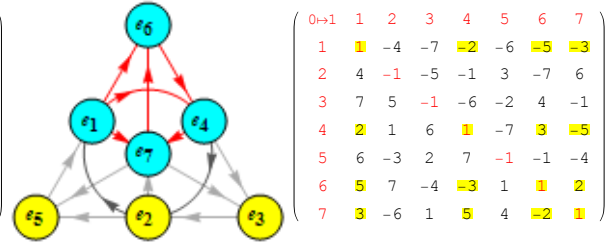


Split=4(1, 4, 5, 7) Flipped

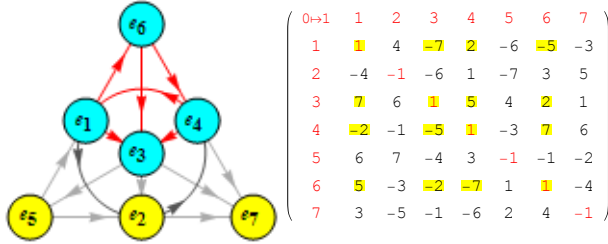
Split=4(1, 4, 6, 7) Not Flipped



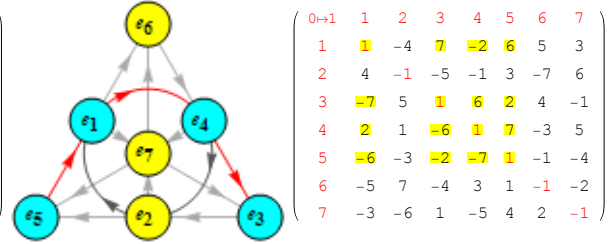
Split=5(1, 3, 4, 6) Flipped



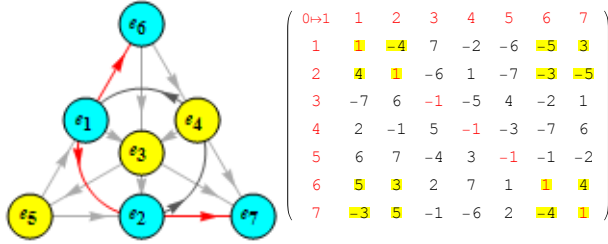
Split=5(1, 3, 4, 5) Not Flipped



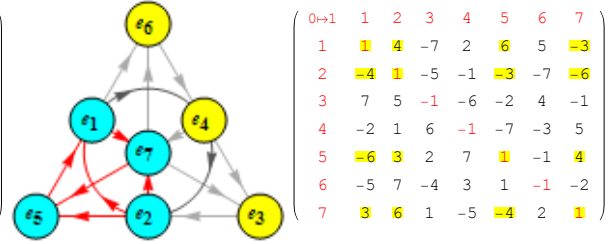
Split=6(1, 2, 6, 7) Flipped



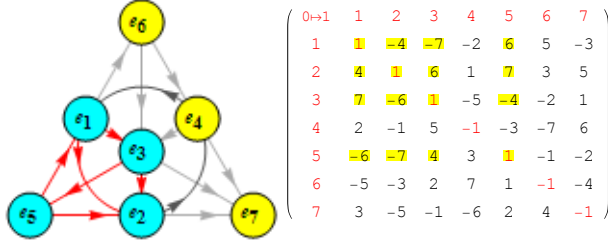
Split=6(1, 2, 5, 7) Not Flipped



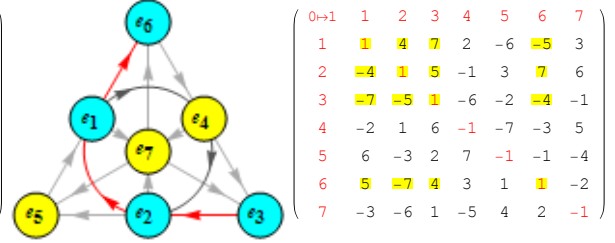
Split=7(1, 2, 3, 5) Flipped



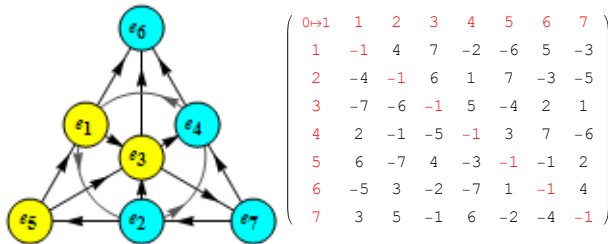
Split=7(1, 2, 3, 6) Not Flipped



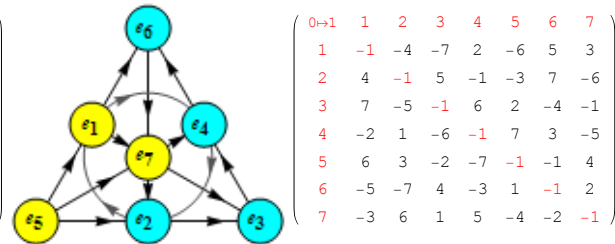
EBH147 Flip {(1, 2, 4), (1, 3, 7), (1, 6, 5), (2, 3, 6), (2, 5, 7), (3, 4, 5), (4, 6, 7)}



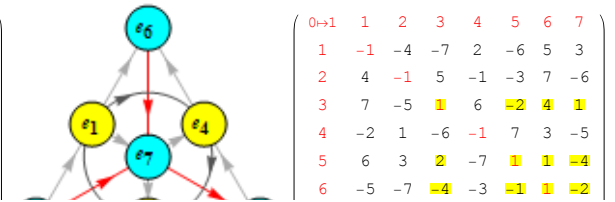
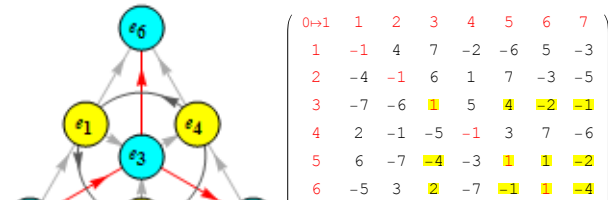
No Flip {(1, 4, 2), (1, 7, 3), (1, 6, 5), (2, 3, 5), (2, 6, 7), (3, 4, 6), (4, 5, 7)}

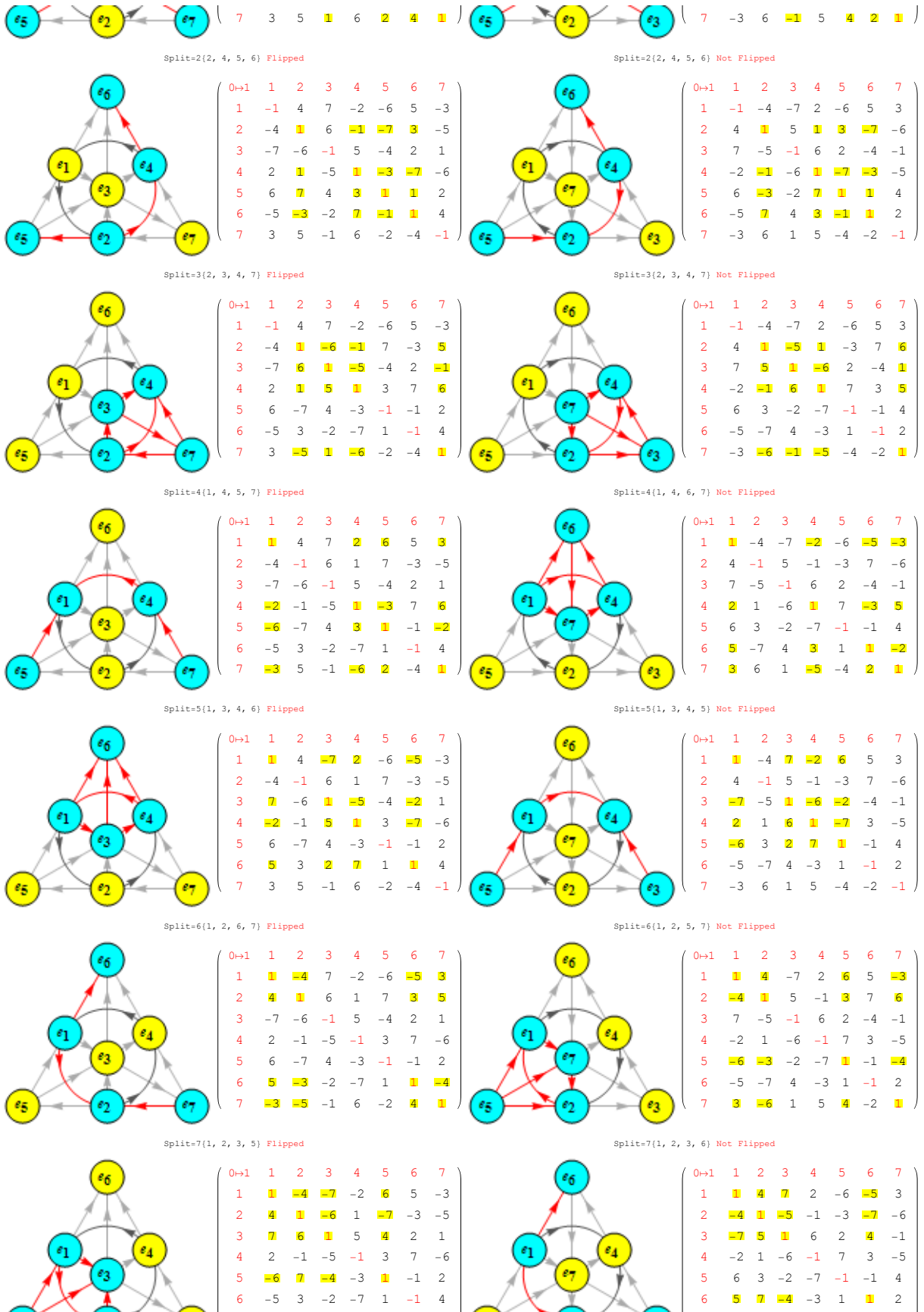


Split=1(3, 5, 6, 7) Flipped

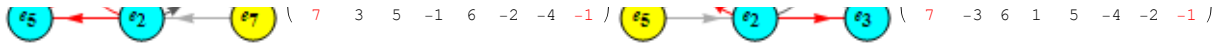


Split=1(3, 5, 6, 7) Not Flipped



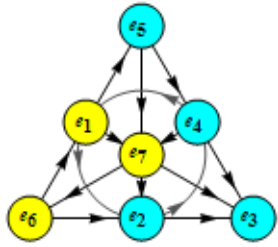






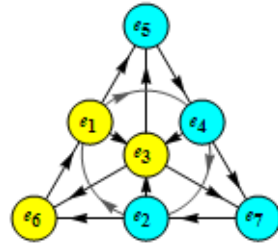
EBH20 Flip  $\{(1, 2, 4), (1, 7, 3), (1, 5, 6), (2, 3, 6), (2, 5, 7), (3, 5, 4), (4, 7, 6)\}$

No Flip  $\{(1, 4, 2), (1, 3, 7), (1, 5, 6), (2, 3, 5), (2, 6, 7), (3, 6, 4), (4, 7, 5)\}$



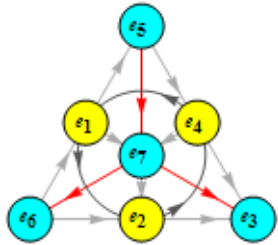
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	6	1	7	-3	-5
3	7	-6	-1	-5	4	2	-1
4	2	-1	5	-1	-3	-7	6
5	-6	-7	-4	3	-1	1	2
6	5	3	-2	7	-1	-1	-4
7	-3	5	1	-6	-2	4	-1

Split=1(3, 5, 6, 7) Flipped



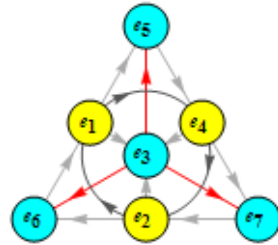
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	5	-1	-3	7	-6
3	-7	-5	-1	-6	2	4	1
4	-2	1	6	-1	-7	-3	5
5	-6	3	-2	7	-1	1	-4
6	5	-7	-4	3	-1	-1	2
7	3	6	-1	-5	4	-2	-1

Split=1(3, 5, 6, 7) Not Flipped



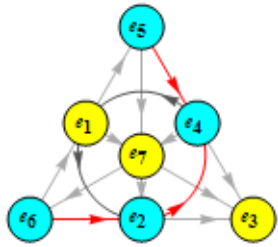
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	6	1	7	-3	-5
3	7	-6	-1	-5	-4	-2	1
4	2	-1	5	-1	-3	-7	6
5	-6	-7	-4	3	1	-1	2
6	5	3	-2	7	1	1	-4
7	-3	5	-1	-6	-2	-4	1

Split=2(2, 4, 5, 6) Flipped



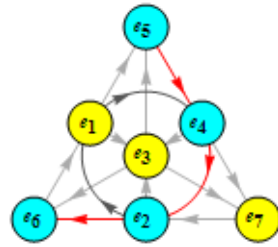
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	5	-1	-3	7	-6
3	-7	-5	-1	-6	-2	-4	1
4	-2	1	6	-1	-7	-3	5
5	-6	3	-2	7	1	-1	2
6	5	-7	-4	3	1	1	-2
7	3	6	-1	-5	-4	2	1

Split=2(2, 4, 5, 6) Not Flipped



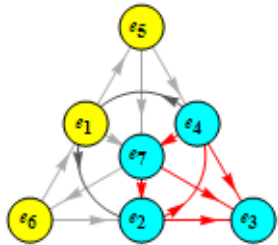
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	6	-1	-7	3	-5
3	7	-6	-1	-5	4	2	-1
4	2	1	5	1	3	7	6
5	-6	-7	-4	3	1	-1	2
6	5	-3	-2	-7	1	1	-4
7	-3	5	1	-6	-2	4	-1

Split=3(2, 3, 4, 7) Flipped



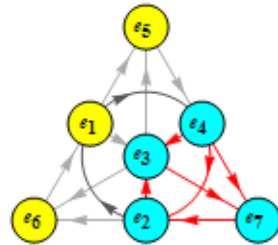
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	5	1	3	-7	-6
3	-7	-5	-1	-6	2	4	1
4	-2	-1	6	1	7	3	5
5	-6	-3	-2	-7	1	-1	-4
6	5	-7	-4	-3	1	1	2
7	3	6	-1	-5	4	-2	-1

Split=3(2, 3, 4, 7) Not Flipped



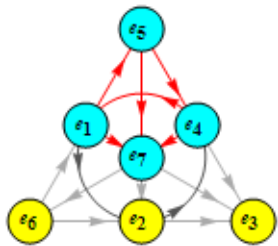
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	-6	-1	7	-3	5
3	7	-6	1	5	4	2	1
4	2	1	-5	1	-3	-7	-6
5	-6	-7	-4	3	-1	1	2
6	5	3	-2	7	-1	-1	-4
7	-3	-5	-1	6	-2	4	1

Split=4(1, 4, 5, 7) Flipped



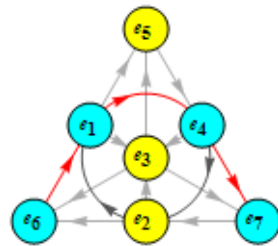
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	-5	1	-3	7	6
3	-7	-5	-1	-6	2	4	1
4	-2	-1	6	1	-7	3	-5
5	-6	3	-2	7	-1	1	-4
6	5	-7	-4	3	-1	-1	2
7	3	-6	1	5	4	-2	1

Split=4(1, 4, 5, 7) Not Flipped



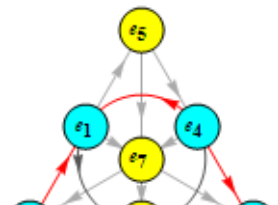
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	-6	-5	-3
2	-4	-1	6	1	7	-3	-5
3	7	-6	-1	-5	4	2	-1
4	-2	-1	5	1	3	-7	-6
5	-6	-7	-4	3	1	1	-2
6	5	3	-2	7	-1	-1	-4
7	3	5	1	6	2	4	1

Split=5(1, 3, 4, 6) Flipped

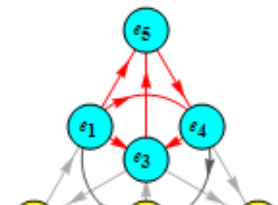


0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	3
2	4	-1	5	-1	-3	7	-6
3	-7	-5	-1	-6	2	4	1
4	-2	1	6	1	-7	3	-5
5	-6	3	-2	7	-1	1	-4
6	-5	-7	-4	-3	-1	1	-2
7	-3	6	-1	5	4	2	1

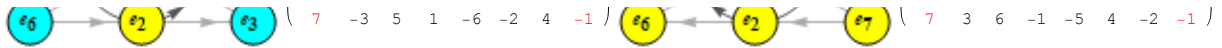
Split=5(1, 3, 4, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	3
2	-4	-1	6	1	7	-3	-5
3	-7	-6	-1	5	4	-2	-1
4	-2	-1	-5	1	-3	7	6
5	-6	-7	-4	3	-1	1	2
6	-5	3	-2	-7	-1	1	-4

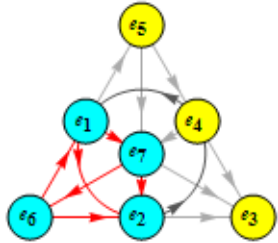


0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	-5	-3
2	4	-1	5	-1	-3	7	-6
3	-7	-5	-1	-6	-2	4	1
4	-2	1	-5	1	7	-3	5
5	-6	3	-2	-7	1	1	-4
6	5	-7	-4	3	-1	-1	2

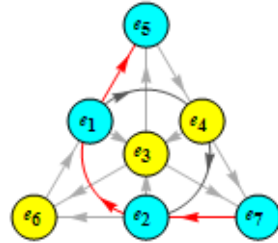


Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



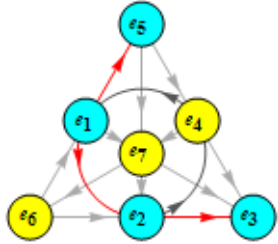
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	1	6	1	7	3	5
3	7	-6	-1	-5	4	2	-1
4	2	-1	5	-1	-3	-7	6
5	-6	-7	-4	3	-1	1	2
6	-5	-3	-2	7	-1	1	4
7	3	-5	1	-6	-2	-4	1



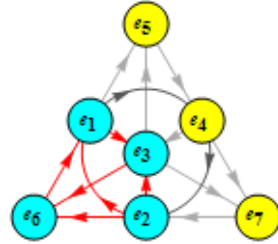
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	1	-5	-1	-3	-7	-6
3	-7	-5	-1	-6	2	4	1
4	-2	1	6	-1	-7	-3	5
5	6	-3	-2	7	1	1	4
6	5	-7	-4	3	-1	-1	2
7	-3	-6	-1	-5	-4	-2	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



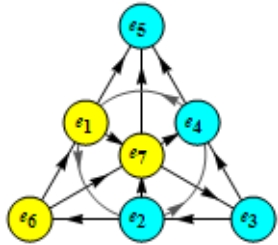
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	-6	-5	3
2	4	1	-6	1	-7	-3	-5
3	-7	6	1	-5	-4	2	-1
4	2	-1	5	-1	-3	-7	6
5	6	7	4	3	1	1	2
6	5	3	-2	7	-1	-1	-4
7	-3	5	1	-6	-2	4	-1



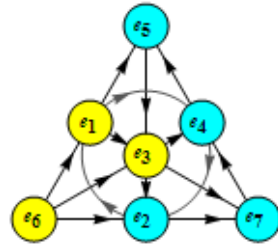
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	-3
2	-4	1	-5	-1	-3	-7	-6
3	7	5	1	-6	2	-4	1
4	-2	1	6	-1	-7	-3	5
5	-6	3	-2	7	-1	1	-4
6	-5	7	4	3	-1	1	2
7	3	6	-1	-5	4	-2	-1

EBH127 Flip {(1, 2, 4), (1, 7, 3), (1, 5, 6), (2, 6, 3), (2, 7, 5), (3, 4, 5), (4, 6, 7)}

No Flip {(1, 4, 2), (1, 3, 7), (1, 5, 6), (2, 5, 3), (2, 7, 6), (3, 4, 6), (4, 5, 7)}



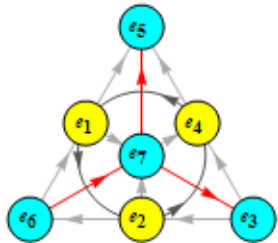
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	-6	1	-7	3	5
3	7	6	-1	5	-4	-2	-1
4	2	-1	-5	-1	3	7	-6
5	-6	7	4	-3	-1	1	-2
6	5	-3	2	-7	-1	-1	4
7	-3	-5	1	6	2	-4	-1



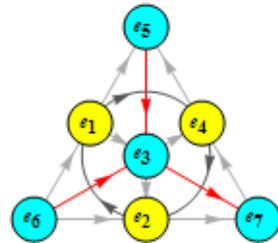
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	-5	-1	3	-7	6
3	-7	5	-1	6	-2	-4	1
4	-2	1	-6	-1	7	3	-5
5	-6	-3	2	-7	-1	1	4
6	5	7	4	-3	-1	-1	-2
7	3	-6	-1	5	-4	2	-1

Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped



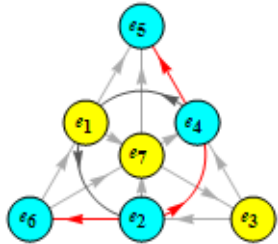
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	-6	1	-7	3	5
3	7	6	1	5	4	2	1
4	2	-1	-5	-1	3	7	-6
5	-6	7	-4	-3	1	-1	2
6	5	-3	-2	-7	1	1	-4
7	-3	-5	-1	6	-2	4	1



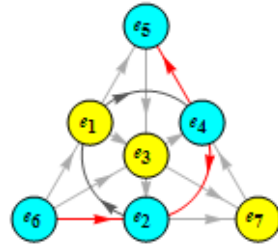
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	-5	-1	3	-7	6
3	-7	5	1	6	2	4	-1
4	-2	1	-6	-1	7	3	-5
5	-6	-3	-2	-7	1	-1	4
6	5	7	-4	-3	1	1	2
7	3	-6	1	5	4	-2	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



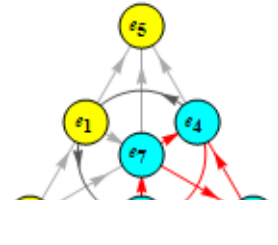
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	-6	-1	7	-3	5
3	7	6	-1	5	-4	-2	-1
4	2	1	-5	1	-3	7	-6
5	-6	-7	4	3	1	-1	2
6	5	3	2	7	1	1	4
7	-3	-5	1	6	2	-4	-1



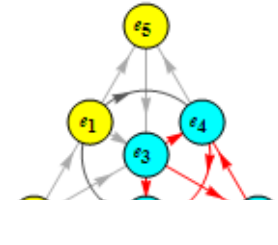
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	-5	1	-3	7	6
3	-7	5	-1	6	-2	-4	1
4	-2	1	-6	1	-7	-3	-5
5	-6	3	2	7	1	-1	4
6	5	-7	4	3	1	1	-2
7	3	-6	-1	5	-4	2	-1

Split=3(2, 3, 4, 7) Flipped

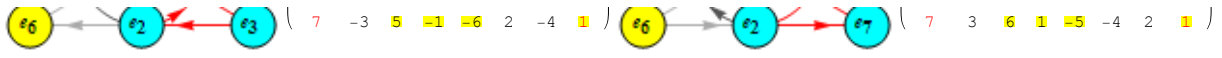
Split=3(2, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	6	-1	-7	3	-5
3	7	-6	1	-5	-4	-2	1
4	2	1	5	1	3	7	6
5	-6	7	4	-3	-1	1	-2
6	5	-3	2	-7	-1	-1	4

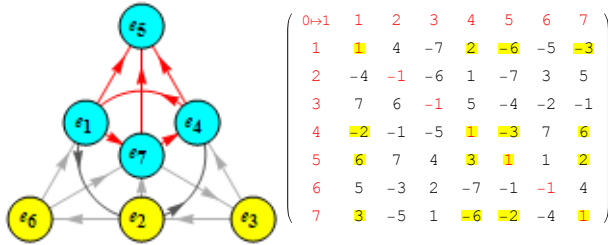


0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	5	1	3	-7	-6
3	-7	-5	1	-6	-2	-4	-1
4	-2	-1	6	1	7	3	5
5	-6	-3	2	-7	-1	1	4
6	5	7	4	-3	-1	-1	-2



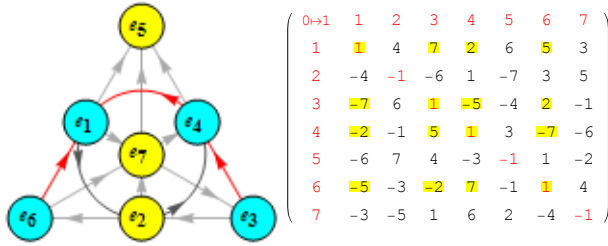
Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



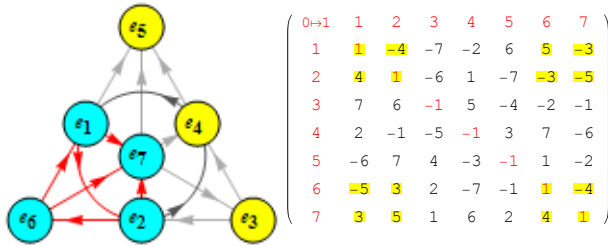
Split=5(1, 3, 4, 6) Flipped

Split=5(1, 3, 4, 5) Not Flipped



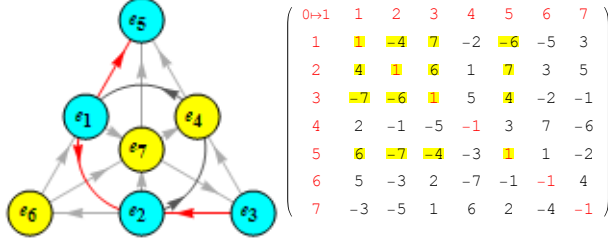
Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped

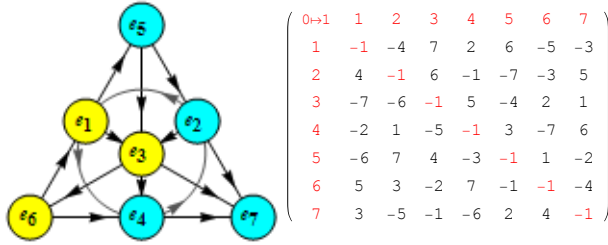


Split=1(3, 5, 6, 7) Flipped

Split=1(3, 5, 6, 7) Not Flipped

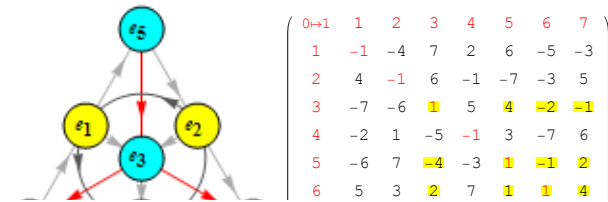
EB#25 Flip {(1, 4, 2), (1, 3, 7), (1, 5, 6), (2, 3, 6), (2, 7, 5), (3, 4, 5), (4, 7, 6)}

No Flip {(1, 2, 4), (1, 7, 3), (1, 5, 6), (2, 3, 5), (2, 7, 6), (3, 4, 6), (4, 7, 5)}



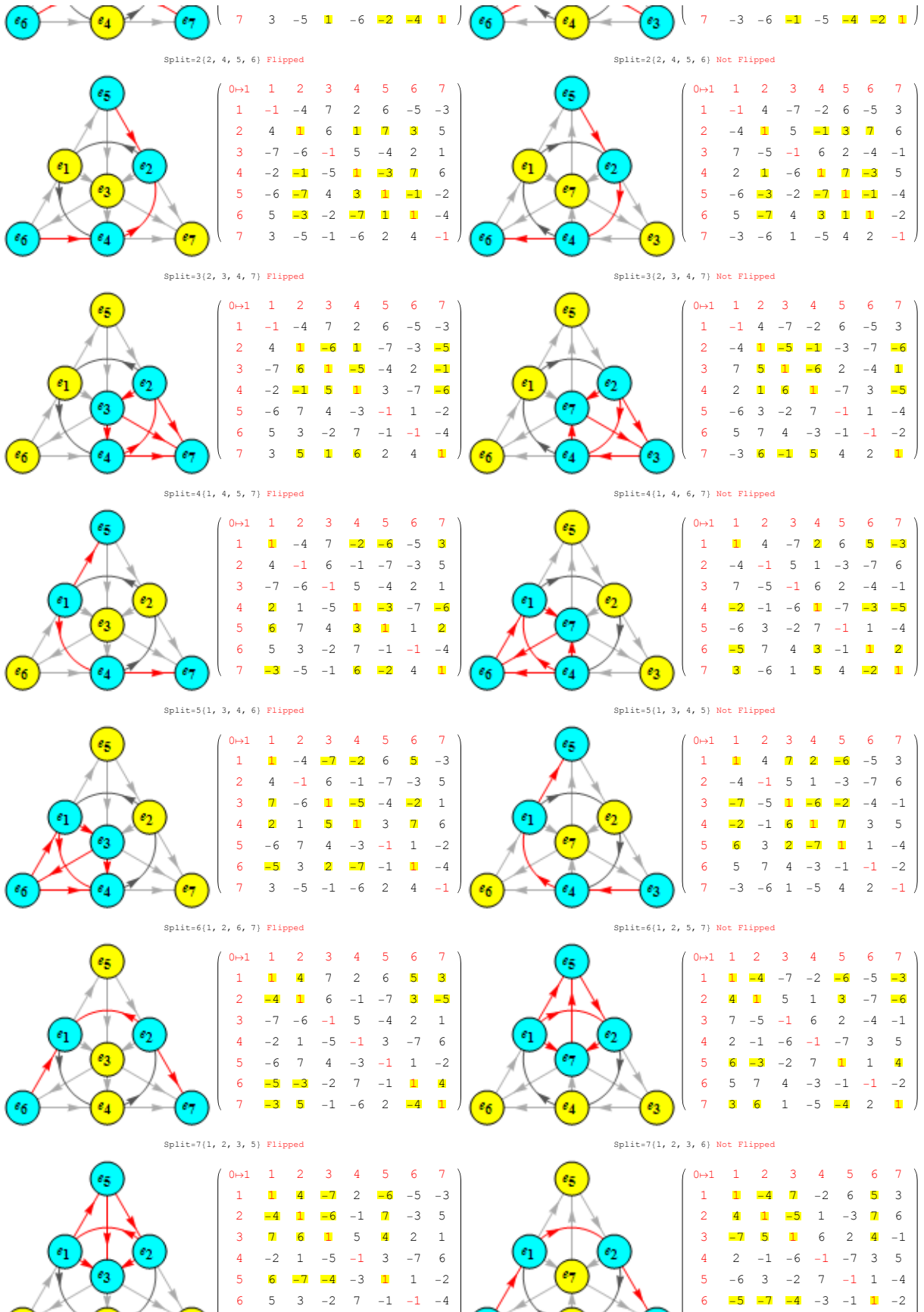
Split=1(3, 5, 6, 7) Flipped

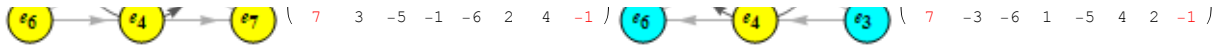
Split=1(3, 5, 6, 7) Not Flipped



Split=1(3, 5, 6, 7) Flipped

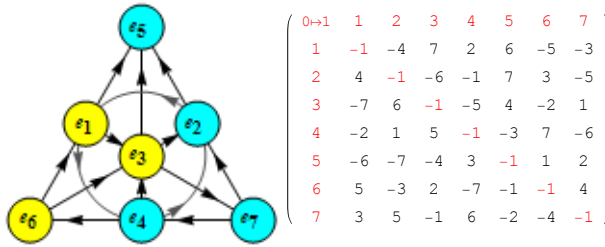
Split=1(3, 5, 6, 7) Not Flipped





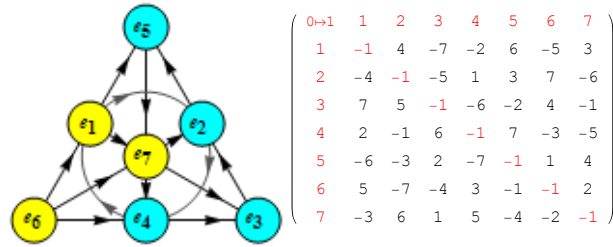
EBH161 Flip ((1, 4, 2), (1, 3, 7), (1, 5, 6), (2, 6, 3), (2, 5, 7), (3, 5, 4), (4, 6, 7))

No Flip ((1, 2, 4), (1, 7, 3), (1, 5, 6), (2, 5, 3), (2, 6, 7), (3, 6, 4), (4, 5, 7))



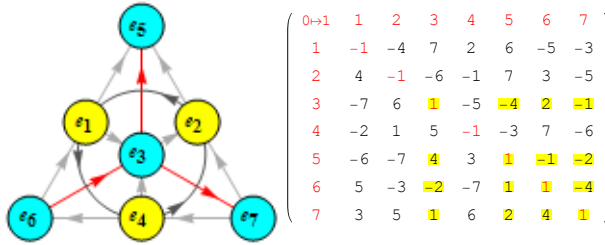
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	-6	-1	7	3	-5
3	-7	6	-1	-5	4	-2	1
4	-2	1	5	-1	-3	7	-6
5	-6	-7	-4	3	-1	1	2
6	5	-3	2	-7	-1	-1	4
7	3	5	-1	6	-2	-4	-1

Split=1(3, 5, 6, 7) Flipped



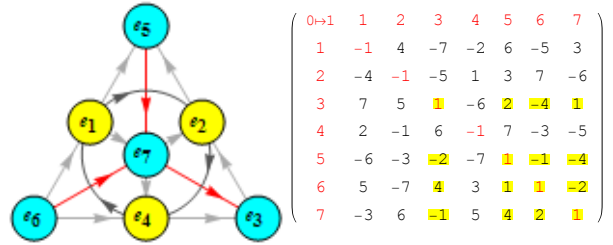
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	-5	1	3	7	-6
3	7	5	-1	-6	-2	4	-1
4	2	-1	6	-1	7	-3	-5
5	-6	-3	2	-7	-1	1	4
6	5	-7	-4	3	-1	-1	2
7	-3	6	1	5	-4	-2	-1

Split=1(3, 5, 6, 7) Not Flipped



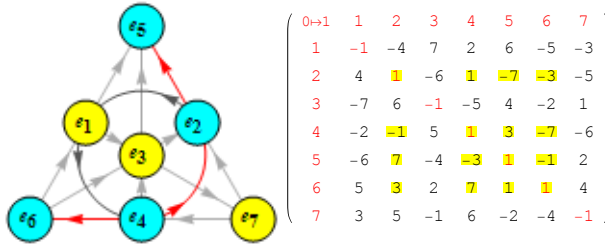
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	-1	-6	-1	7	3	-5
3	-7	6	-1	-5	-4	2	-1
4	-2	1	5	-1	-3	7	-6
5	-6	-7	4	3	1	-1	2
6	5	-3	-2	-7	1	1	4
7	3	5	6	2	4	1	1

Split=2(2, 4, 5, 6) Flipped



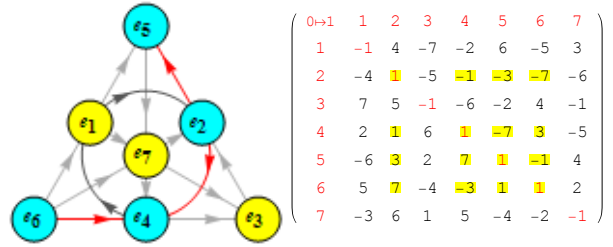
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	-1	-5	1	3	7	-6
3	7	5	-1	-6	2	-4	-1
4	2	-1	6	-1	7	-3	-5
5	-6	-3	2	-7	1	-1	4
6	5	-7	4	3	1	1	2
7	-3	6	-1	5	4	2	1

Split=2(2, 4, 5, 6) Not Flipped



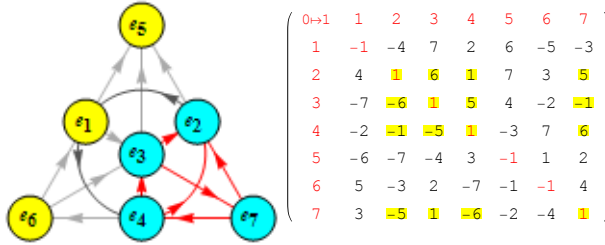
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	-6	1	-7	-3	-5
3	-7	6	-1	-5	4	-2	1
4	-2	-1	5	1	3	7	-6
5	-6	7	-4	3	1	-1	2
6	5	3	2	7	1	1	4
7	3	5	-1	6	-2	-4	-1

Split=3(2, 3, 4, 7) Flipped



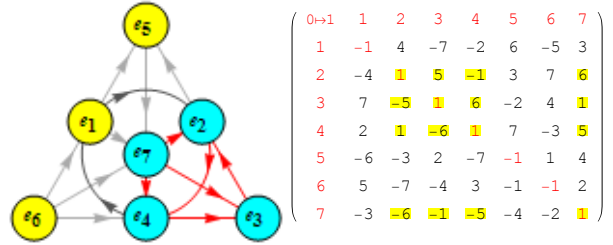
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	-5	-1	-3	-7	-6
3	7	5	-1	-6	-2	4	-1
4	2	1	6	1	-7	3	-5
5	-6	3	2	7	1	-1	4
6	5	7	-4	-3	1	1	2
7	-3	6	1	5	-4	-2	-1

Split=3(2, 3, 4, 7) Not Flipped



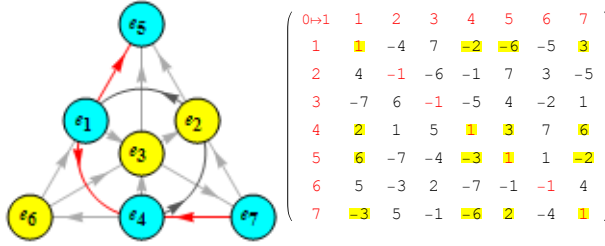
0→1	1	2	3	4	5	6	7
1	-1	-4	7	2	6	-5	-3
2	4	1	6	1	7	3	5
3	-7	6	1	5	4	-2	-1
4	-2	-1	5	1	-3	7	6
5	-6	-7	-4	3	-1	1	2
6	5	-3	2	-7	-1	-1	4
7	3	-5	1	-6	-2	-4	1

Split=4(1, 4, 5, 7) Flipped



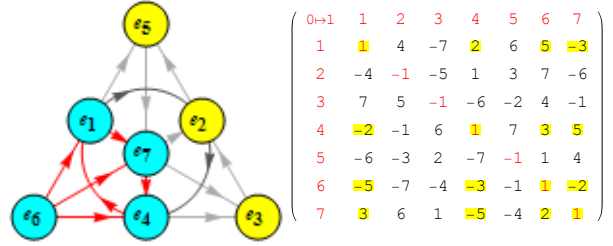
0→1	1	2	3	4	5	6	7
1	-1	4	-7	-2	6	-5	3
2	-4	1	5	-1	3	7	6
3	7	5	1	6	-2	4	-1
4	2	1	6	1	7	-3	5
5	-6	-3	2	-7	-1	1	4
6	5	-7	-4	3	-1	-1	2
7	-3	-6	-1	-5	-4	-2	1

Split=4(1, 4, 5, 7) Not Flipped



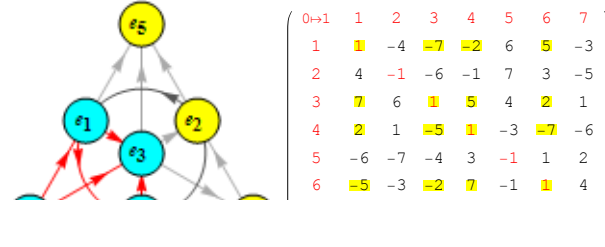
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	-1	-6	-1	7	3	-5
3	-7	6	1	5	4	2	1
4	2	1	5	1	-3	7	-6
5	-6	-7	-4	3	-1	1	2
6	5	-3	2	-7	-1	-1	4
7	-3	5	-1	-6	2	-4	1

Split=5(1, 3, 4, 6) Flipped

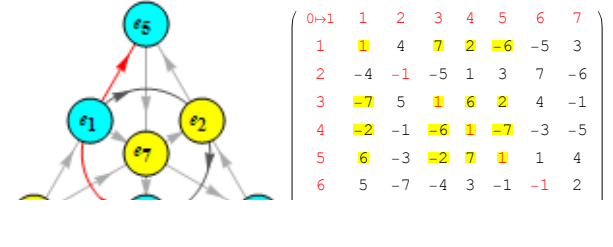


0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	-1	-5	1	3	7	-6
3	-7	5	1	6	2	4	-1
4	-2	-1	6	1	7	3	5
5	-6	-3	2	-7	-1	1	4
6	-5	-7	-4	-3	-1	1	2
7	3	6	1	-5	-4	2	1

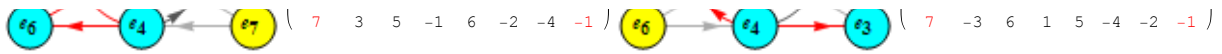
Split=5(1, 3, 4, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	6	5	-3
2	4	-1	-6	-1	7	3	-5
3	-7	6	1	5	4	2	1
4	2	1	5	1	-3	7	-6
5	-6	-7	-4	3	-1	1	2
6	-5	-3	-2	7	-1	1	4

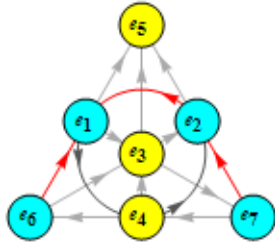


0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	-1	-5	1	3	7	-6
3	-7	5	1	6	2	4	-1
4	-2	-1	6	1	7	-3	-5
5	-6	-3	2	-7	-1	1	4
6	5	-7	-4	3	-1	-1	2

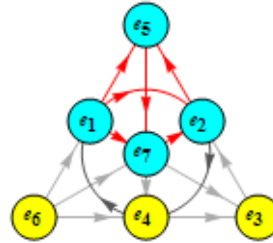


Split=6(1, 2, 6, 7) Flipped

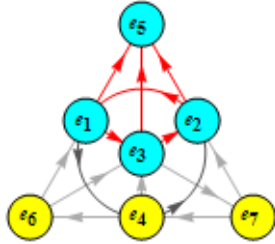
Split=6(1, 2, 5, 7) Not Flipped



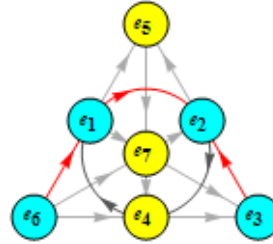
Split=7(1, 2, 3, 5) Flipped



Split=7(1, 2, 3, 6) Not Flipped



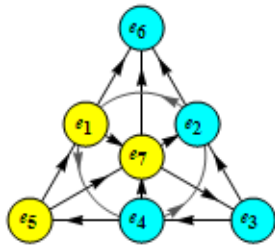
Split=7(1, 2, 3, 5) Flipped



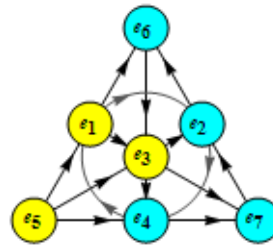
Split=7(1, 2, 3, 6) Not Flipped

ES#29 Flip {(1, 4, 2), (1, 7, 3), (1, 6, 5), (2, 6, 3), (2, 5, 7), (3, 4, 5), (4, 7, 6)}

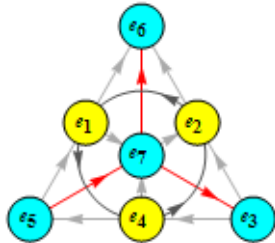
No Flip {(1, 2, 4), (1, 3, 7), (1, 6, 5), (2, 5, 3), (2, 6, 7), (3, 4, 6), (4, 7, 5)}



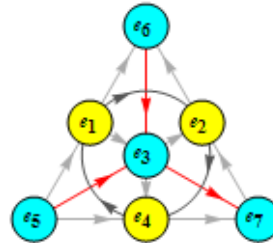
Split=1(3, 5, 6, 7) Flipped



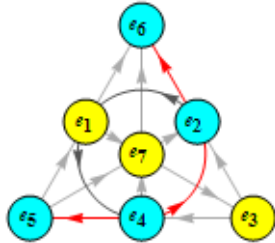
Split=1(3, 5, 6, 7) Not Flipped



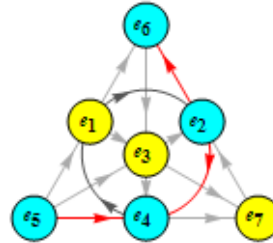
Split=2(2, 4, 5, 6) Flipped



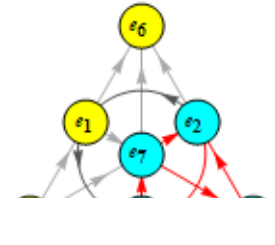
Split=2(2, 4, 5, 6) Not Flipped



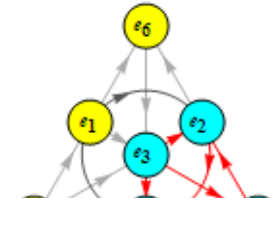
Split=3(2, 3, 4, 7) Flipped



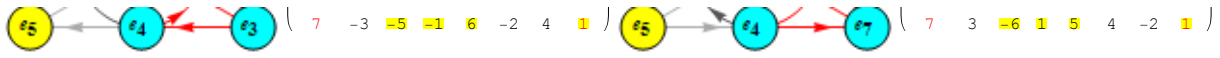
Split=3(2, 3, 4, 7) Not Flipped



Split=3(2, 3, 4, 7) Flipped

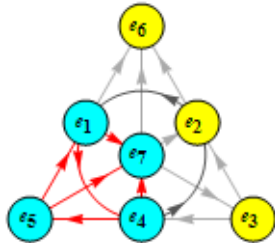


Split=3(2, 3, 4, 7) Not Flipped

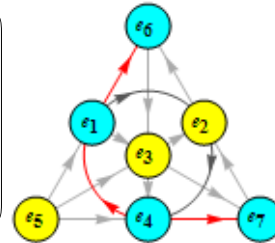


Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



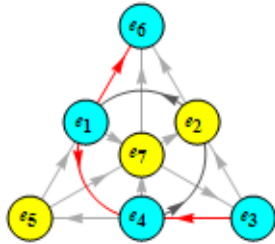
0→1	1	2	3	4	5	6	7
1	1	-4	-7	2	6	5	-3
2	4	-1	-6	-1	7	3	-5
3	7	6	-1	5	-4	-2	-1
4	2	1	-5	1	-3	-7	-6
5	-6	-7	4	3	1	-1	2
6	-5	-3	2	7	1	-1	-4
7	3	5	1	6	2	4	1



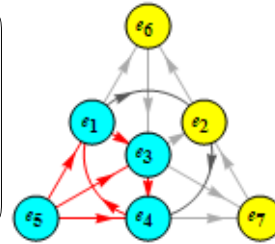
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	-1	-5	1	3	7	-6
3	-7	5	-1	6	-2	-4	1
4	-2	-1	-6	1	-7	-3	-5
5	6	-3	2	7	-1	-1	-4
6	5	-7	4	3	1	1	-2
7	-3	6	-1	5	4	2	1

Split=5(1, 3, 4, 6) Flipped

Split=5(1, 3, 4, 5) Not Flipped



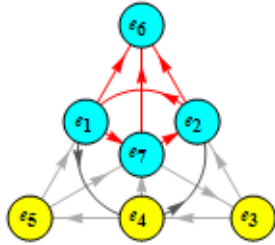
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	-6	-5	3
2	4	-1	-6	-1	7	3	-5
3	-7	6	1	-5	-4	2	-1
4	2	1	5	1	3	7	6
5	6	-7	4	-3	-1	-1	2
6	5	-3	-2	7	1	1	-4
7	-3	5	1	-6	-2	4	-1



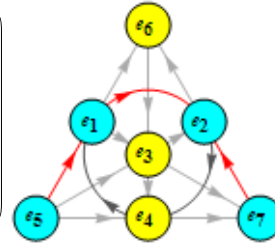
0→1	1	2	3	4	5	6	7
1	1	4	-7	2	6	5	-3
2	-4	-1	-5	1	3	7	-6
3	7	5	1	-6	2	-4	1
4	-2	-1	6	1	7	3	5
5	-6	-3	-2	-7	1	-1	-4
6	-5	-7	4	-3	1	-1	2
7	3	6	-1	-5	4	-2	-1

Split=6(1, 2, 6, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



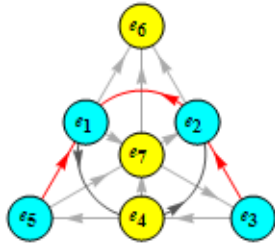
0→1	1	2	3	4	5	6	7
1	1	4	7	2	-6	-5	3
2	-4	1	-6	-1	7	-3	5
3	7	6	-1	5	-4	-2	-1
4	-2	1	-5	-1	3	-7	6
5	6	-7	4	-3	-1	-1	2
6	5	-3	2	7	1	1	-4
7	3	-5	1	-6	-2	4	1



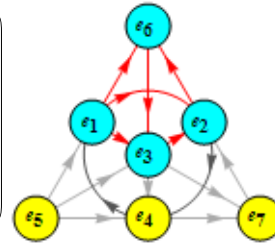
0→1	1	2	3	4	5	6	7
1	1	-4	7	-2	6	5	3
2	4	1	-5	1	-3	7	6
3	-7	5	-1	6	-2	-4	1
4	2	-1	-6	-1	-7	3	5
5	-6	3	2	7	1	-1	4
6	-5	-7	4	-3	1	-1	2
7	-3	6	-1	-5	4	-2	1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



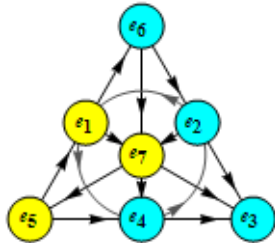
0→1	1	2	3	4	5	6	7
1	1	4	7	2	6	5	3
2	-4	1	6	-1	-7	3	-5
3	-7	-6	1	5	4	-2	-1
4	-2	1	-5	-1	3	-7	6
5	-6	7	-4	-3	1	-1	2
6	-5	-3	2	7	1	-1	-4
7	-3	5	1	-6	-2	4	-1



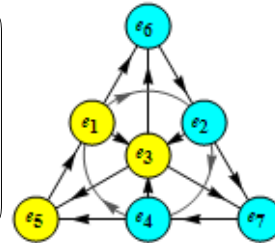
0→1	1	2	3	4	5	6	7
1	1	-4	-7	-2	-6	-5	-3
2	4	1	5	1	3	-7	-6
3	-7	-5	1	6	-2	4	1
4	2	-1	-6	-1	-7	3	5
5	6	-3	2	7	-1	-1	-4
6	5	7	-4	-3	1	1	2
7	3	6	-1	-5	4	-2	-1

EBH157 Flip {(1, 4, 2), (1, 7, 3), (1, 6, 5), (2, 3, 6), (2, 7, 5), (3, 5, 4), (4, 6, 7)}

No Flip {(1, 2, 4), (1, 3, 7), (1, 6, 5), (2, 3, 5), (2, 7, 6), (3, 6, 4), (4, 5, 7)}



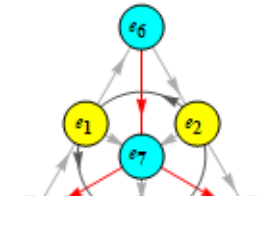
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	-6	5	3
2	4	-1	6	-1	-7	-3	5
3	7	-6	-1	-5	4	2	-1
4	-2	1	5	-1	-3	7	-6
5	6	7	-4	3	-1	-1	-2
6	-5	3	-2	7	1	-1	4
7	-3	-5	1	6	2	-4	-1



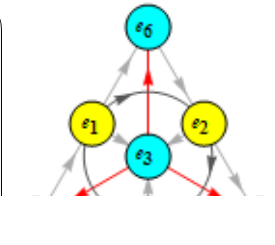
0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	-6	5	-3
2	-4	-1	5	1	-3	-7	6
3	-7	-5	-1	-6	2	4	1
4	2	-1	6	-1	7	-3	-5
5	6	3	-2	7	-1	-1	4
6	-5	7	-4	3	1	-1	-2
7	3	-6	-1	5	-4	2	-1

Split=1(3, 5, 6, 7) Flipped

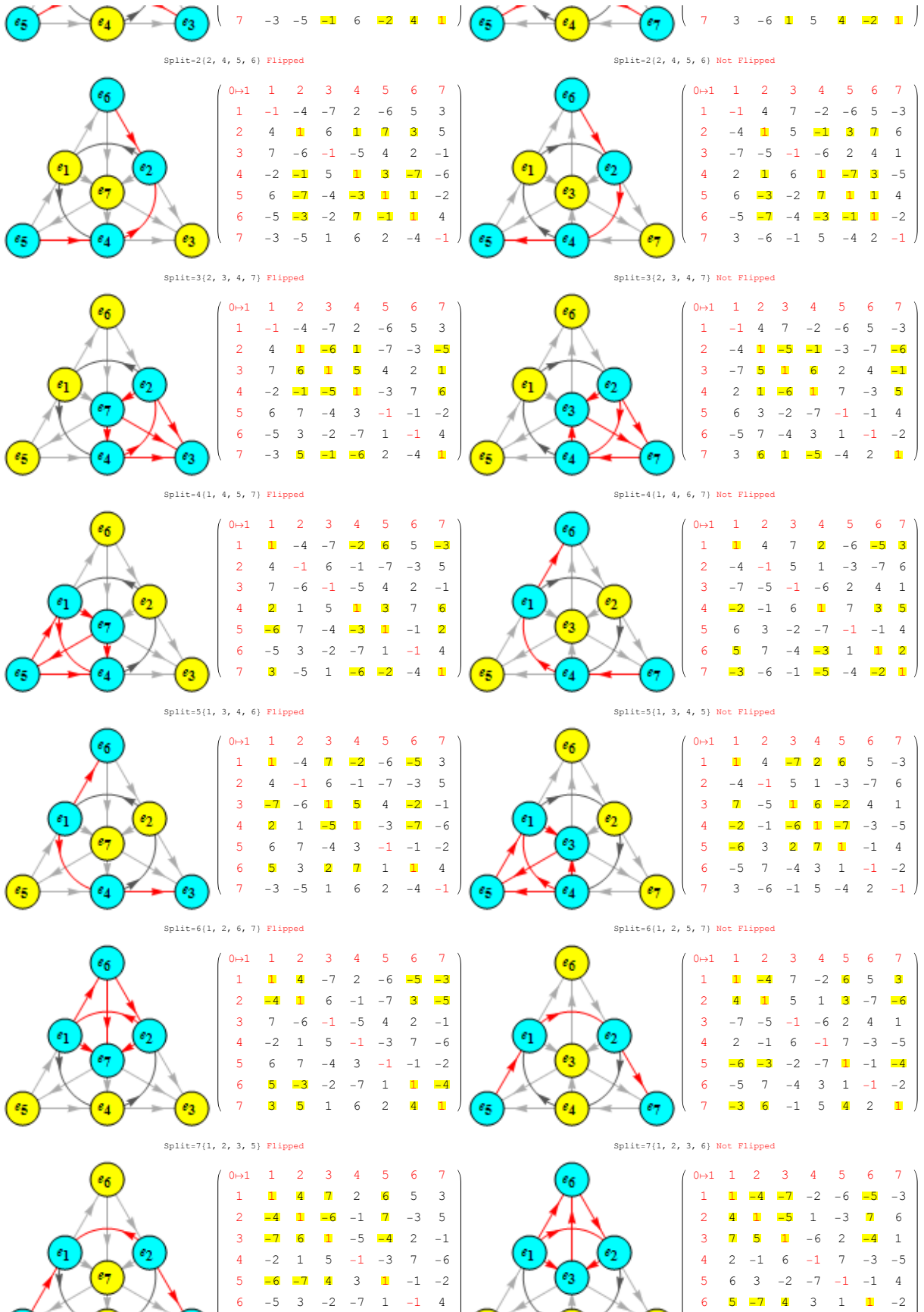
Split=1(3, 5, 6, 7) Not Flipped



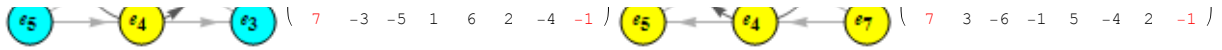
0→1	1	2	3	4	5	6	7
1	-1	-4	-7	2	-6	5	3
2	4	-1	6	-1	-7	-3	5
3	7	-6	1	-5	-4	-2	1
4	-2	1	5	-1	-3	7	-6
5	6	7	4	3	1	1	2
6	-5	3	2	-7	-1	1	-4



0→1	1	2	3	4	5	6	7
1	-1	4	7	-2	-6	5	-3
2	-4	-1	5	1	-3	-7	6
3	-7	-5	1	-6	-2	-4	-1
4	2	-1	6	-1	7	-3	-5
5	6	3	2	-7	1	1	-4
6	-5	7	4	3	-1	1	2

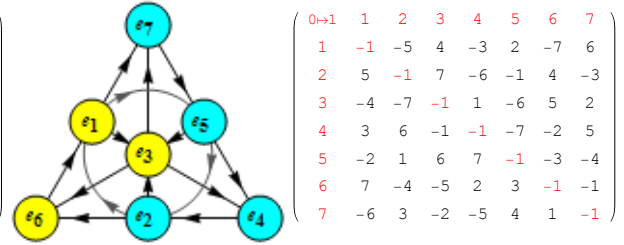
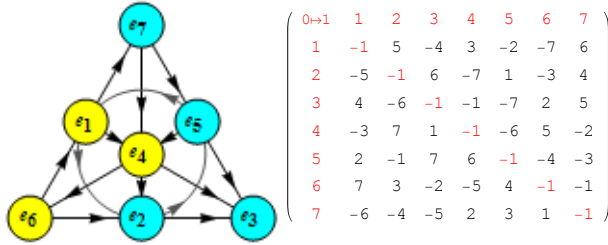






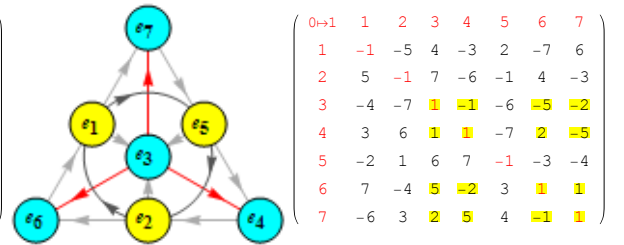
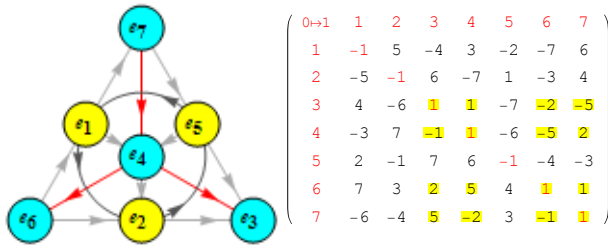
E8h32 Flip  $\{(1, 2, 5), (1, 4, 3), (1, 7, 6), (2, 3, 6), (2, 7, 4), (3, 7, 5), (4, 6, 5)\}$

No Flip  $\{(1, 5, 2), (1, 3, 4), (1, 7, 6), (2, 3, 7), (2, 6, 4), (3, 6, 5), (4, 7, 5)\}$



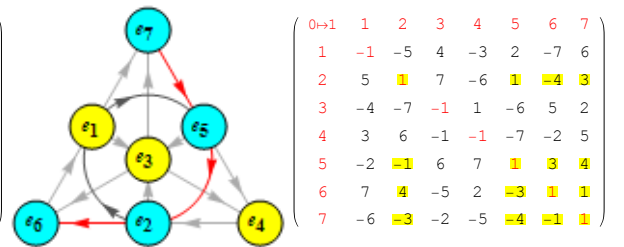
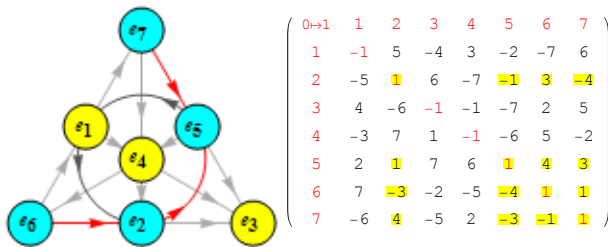
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



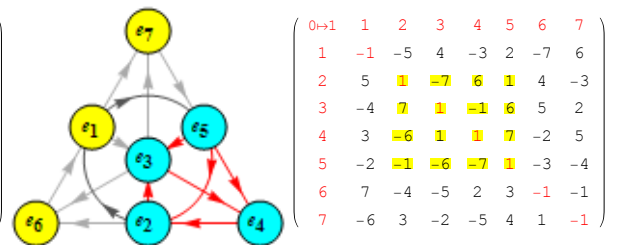
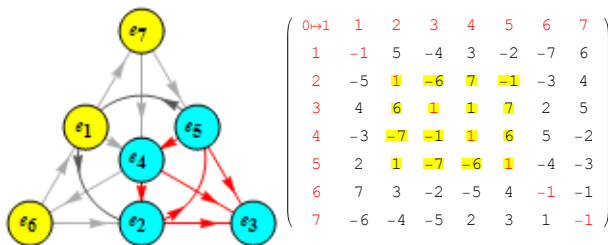
Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



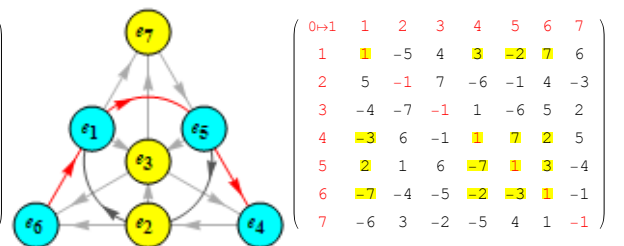
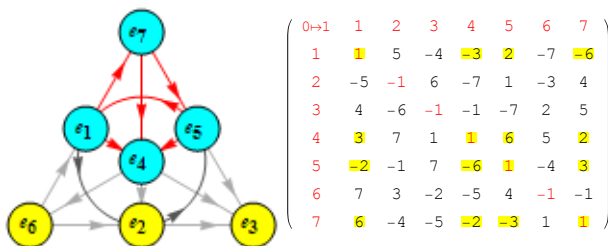
Split=3(2, 3, 4, 5) Flipped

Split=3(2, 3, 4, 5) Not Flipped



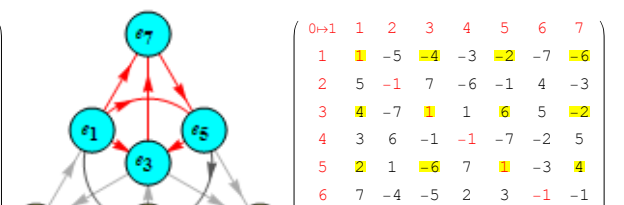
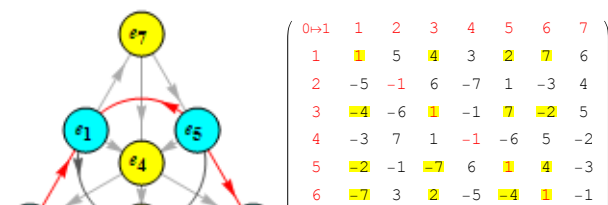
Split=4(1, 4, 5, 7) Flipped

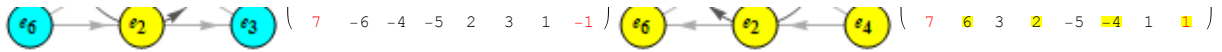
Split=4(1, 4, 5, 7) Not Flipped



Split=5(1, 3, 5, 6) Flipped

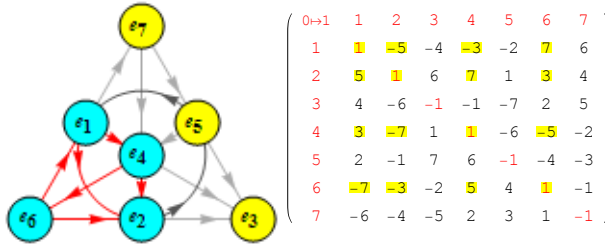
Split=5(1, 3, 5, 6) Not Flipped



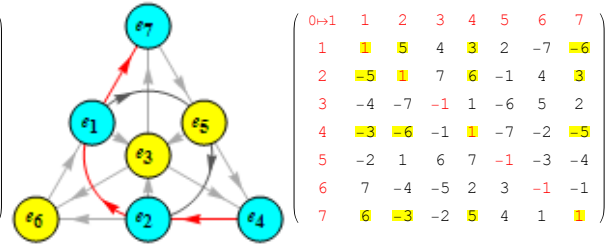


Split=6(1, 2, 4, 6) Flipped

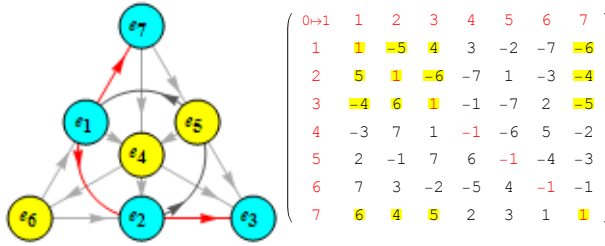
Split=6(1, 2, 4, 7) Not Flipped



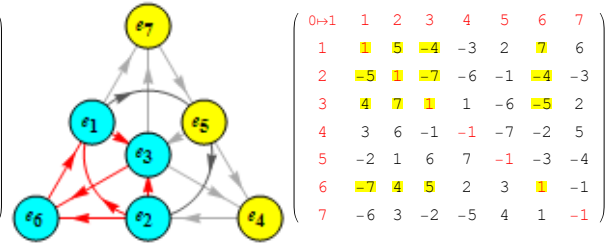
Split=7(1, 2, 3, 7) Flipped



Split=7(1, 2, 3, 6) Not Flipped



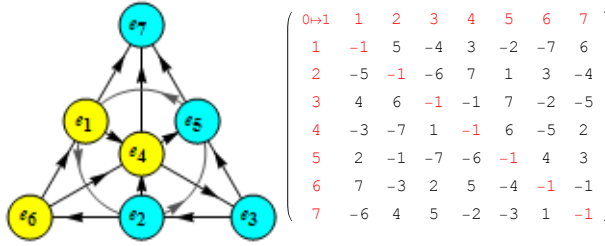
Split=7(1, 2, 3, 7) Flipped



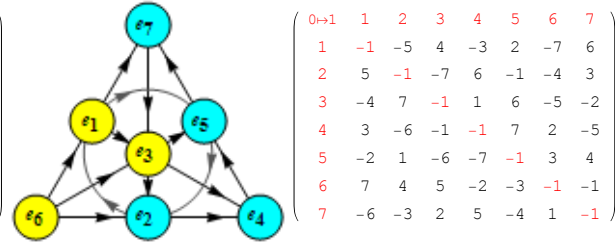
Split=7(1, 2, 3, 6) Not Flipped

EBH108 Flip ((1, 2, 5), (1, 4, 3), (1, 7, 6), (2, 6, 3), (2, 4, 7), (3, 5, 7), (4, 5, 6))

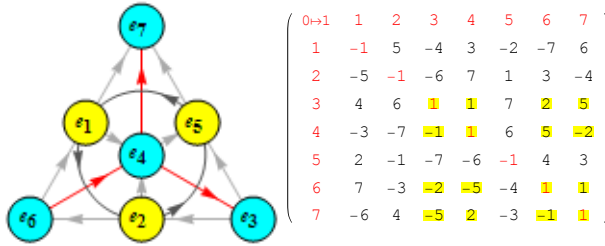
No Flip ((1, 5, 2), (1, 3, 4), (1, 7, 6), (2, 7, 3), (2, 4, 6), (3, 5, 6), (4, 5, 7))



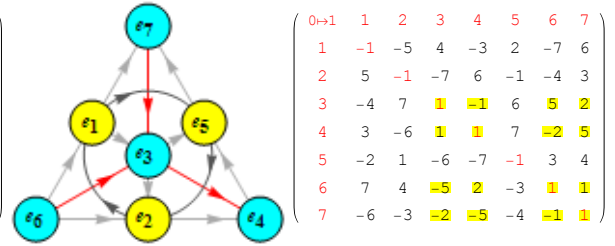
Split=1(3, 4, 6, 7) Flipped



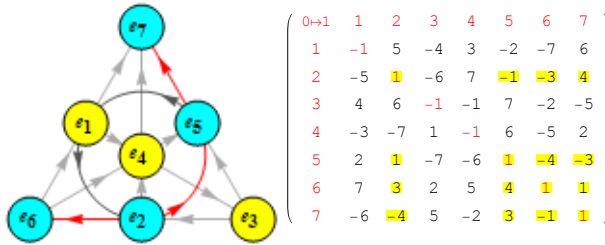
Split=1(3, 4, 6, 7) Not Flipped



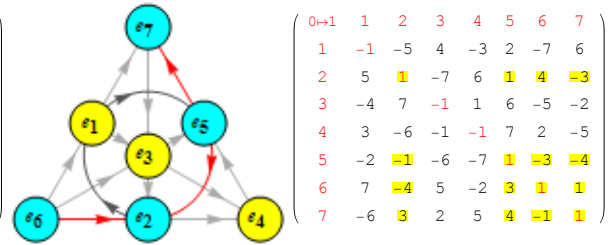
Split=2(2, 5, 6, 7) Flipped



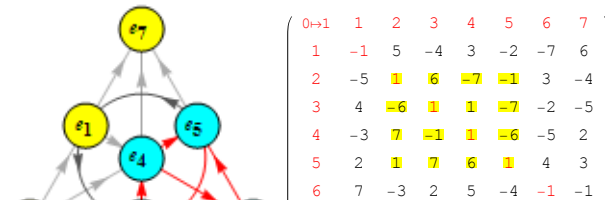
Split=2(2, 5, 6, 7) Not Flipped



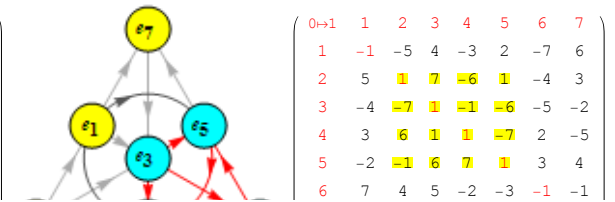
Split=3(2, 3, 4, 5) Flipped



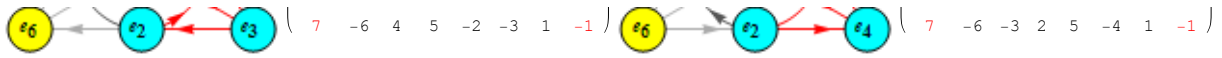
Split=3(2, 3, 4, 5) Not Flipped



Split=3(2, 3, 4, 5) Flipped

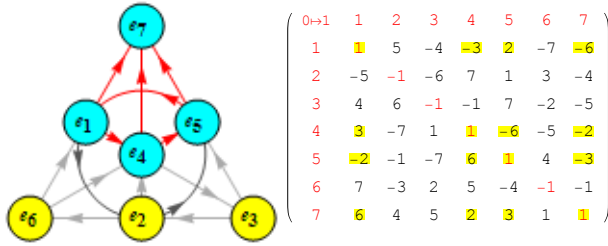


Split=3(2, 3, 4, 5) Not Flipped

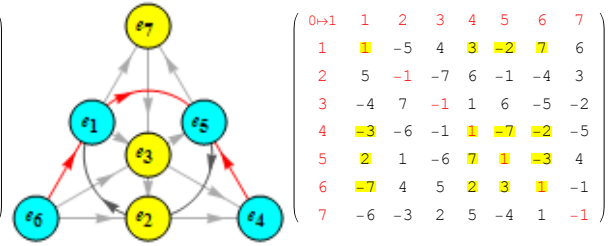


Split=4(1, 4, 5, 7) Flipped

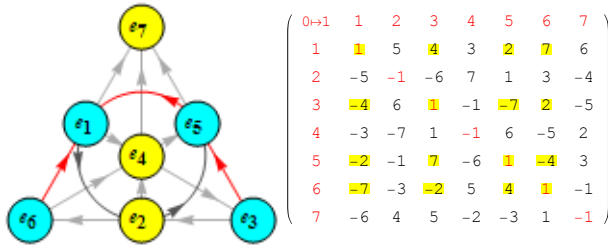
Split=4(1, 4, 5, 6) Not Flipped



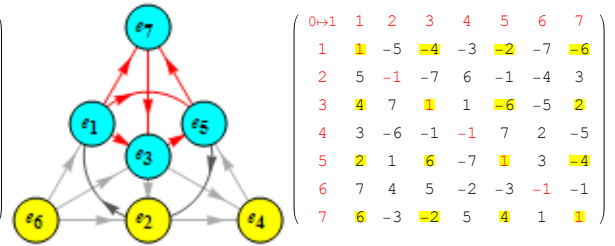
Split=5(1, 3, 5, 6) Flipped



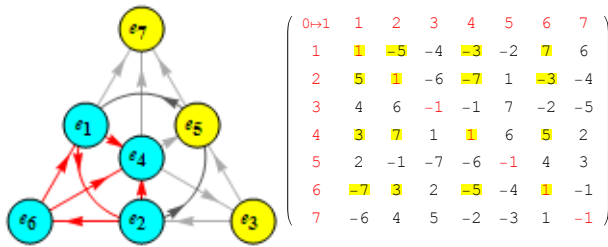
Split=5(1, 3, 5, 7) Not Flipped



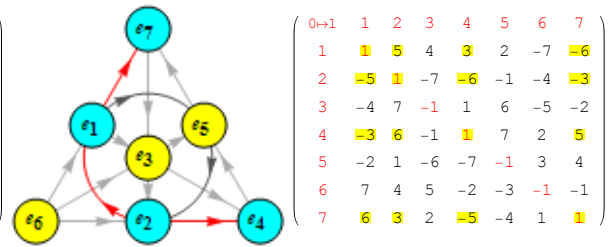
Split=6(1, 2, 4, 6) Flipped



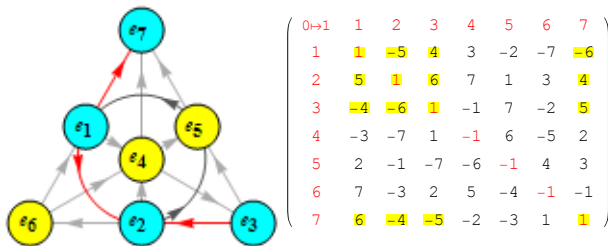
Split=6(1, 2, 4, 7) Not Flipped



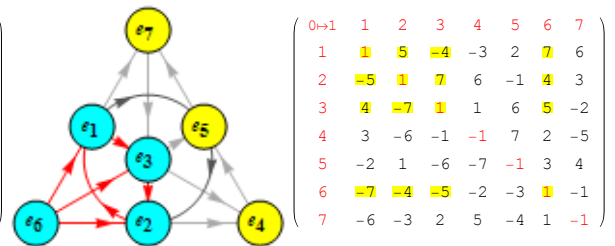
Split=7(1, 2, 3, 7) Flipped



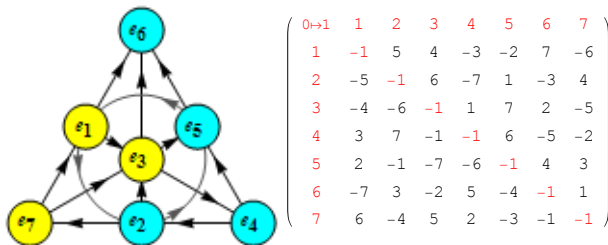
Split=7(1, 2, 3, 6) Not Flipped



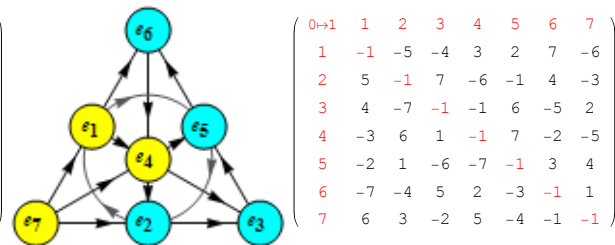
EBH37 Flip ((1, 2, 5), (1, 3, 4), (1, 6, 7), (2, 3, 6), (2, 7, 4), (3, 5, 7), (4, 5, 6))



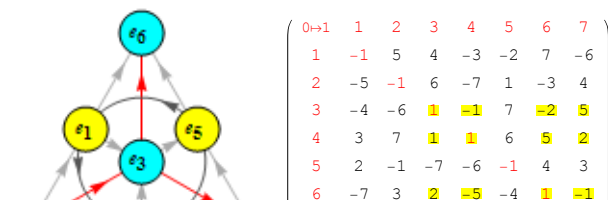
No Flip ((1, 5, 2), (1, 4, 3), (1, 6, 7), (2, 3, 7), (2, 6, 4), (3, 5, 6), (4, 5, 7))



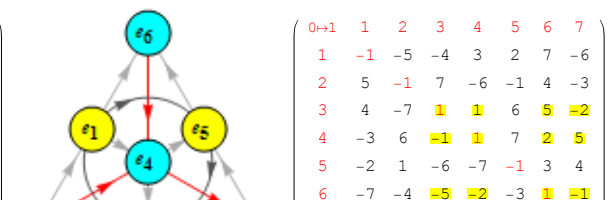
Split=1(3, 4, 6, 7) Flipped



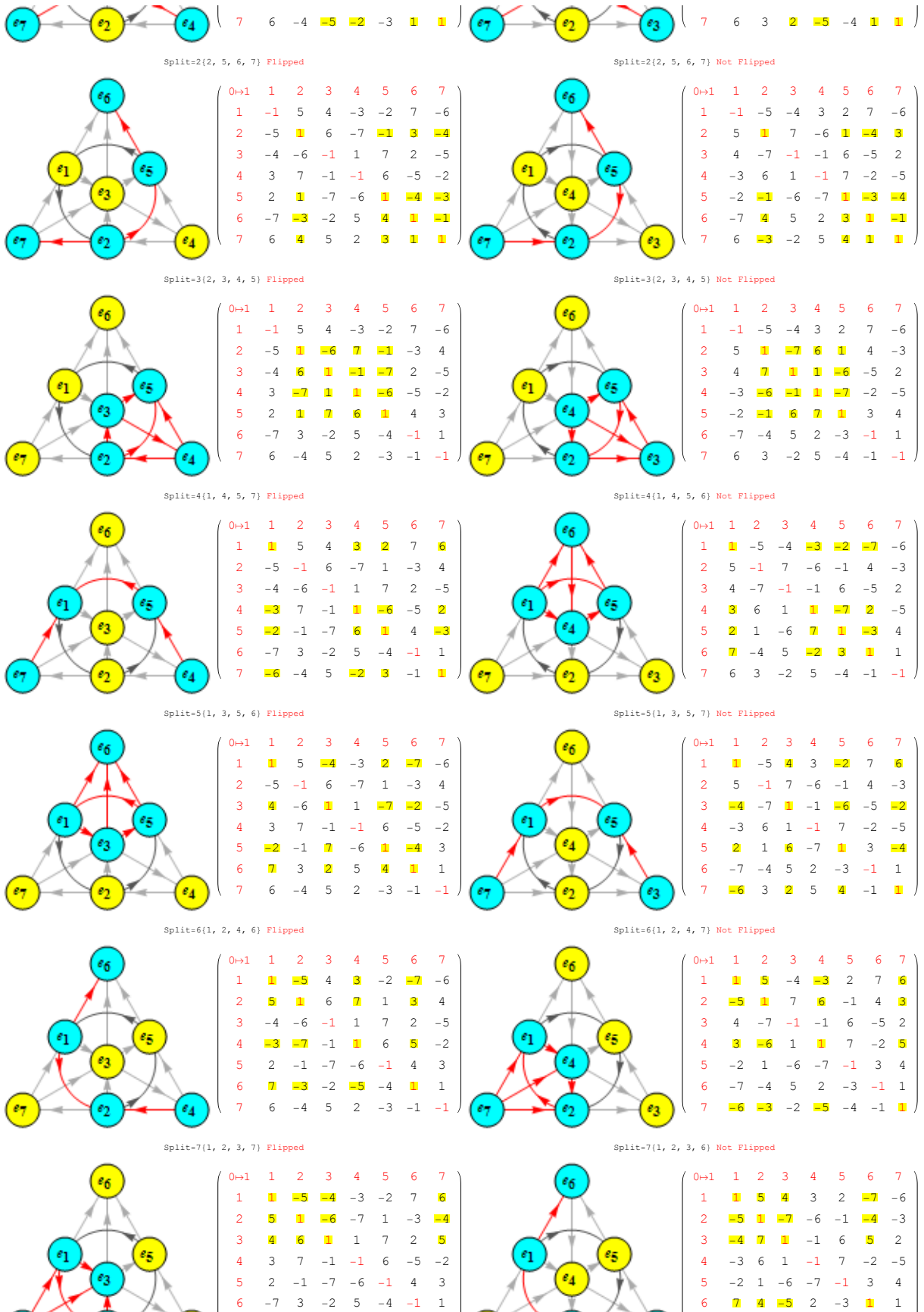
Split=1(3, 4, 6, 7) Not Flipped

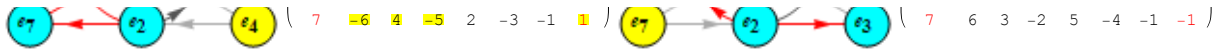


Split=1(3, 4, 6, 7) Flipped



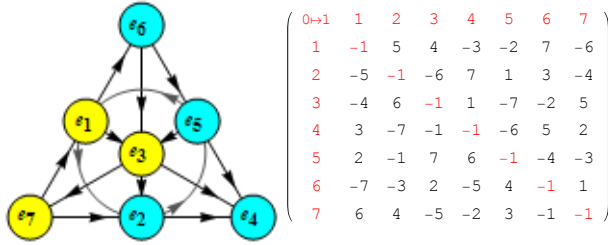
Split=1(3, 4, 6, 7) Not Flipped



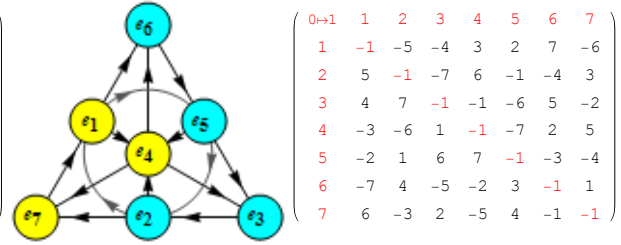


ES=103 Flip  $\{(1, 2, 5), (1, 3, 4), (1, 6, 7), (2, 6, 3), (2, 4, 7), (3, 7, 5), (4, 6, 5)\}$

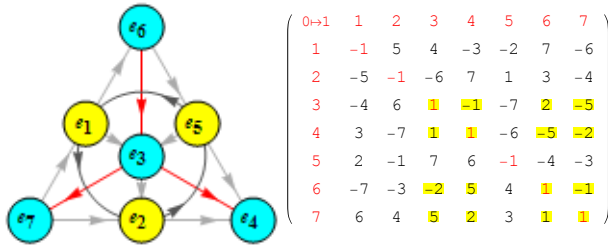
No Flip  $\{(1, 5, 2), (1, 4, 3), (1, 6, 7), (2, 7, 3), (2, 4, 6), (3, 6, 5), (4, 7, 5)\}$



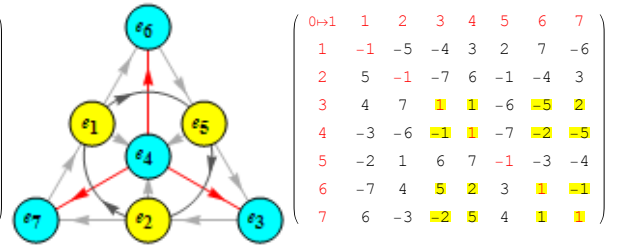
Split=1(3, 4, 6, 7) Flipped



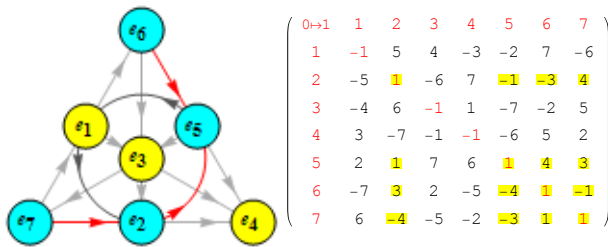
Split=1(3, 4, 6, 7) Not Flipped



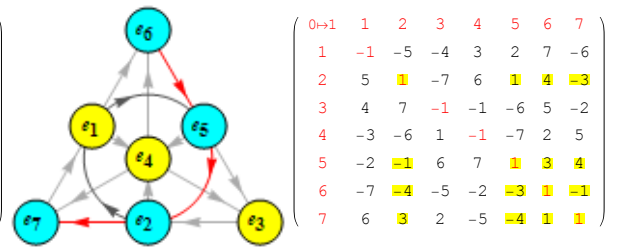
Split=2(2, 5, 6, 7) Flipped



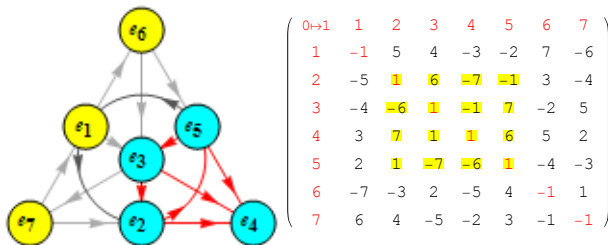
Split=2(2, 5, 6, 7) Not Flipped



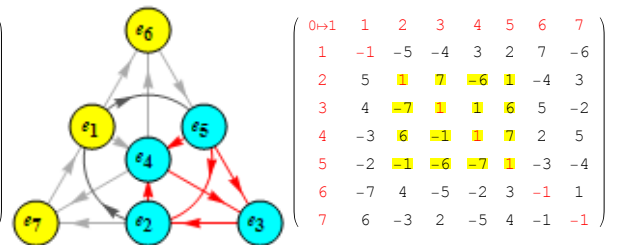
Split=3(2, 3, 4, 5) Flipped



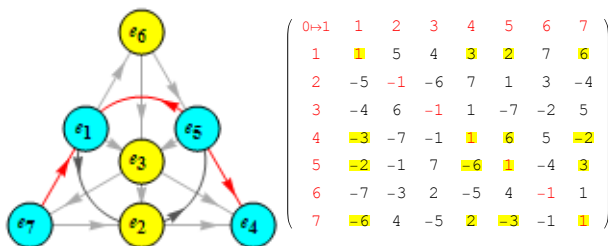
Split=3(2, 3, 4, 5) Not Flipped



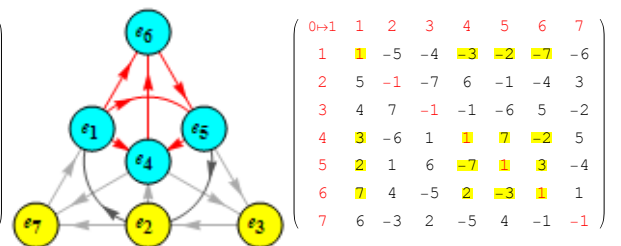
Split=4(1, 4, 5, 7) Flipped



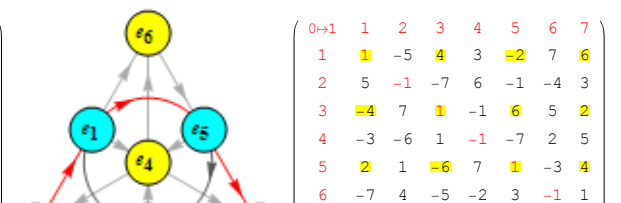
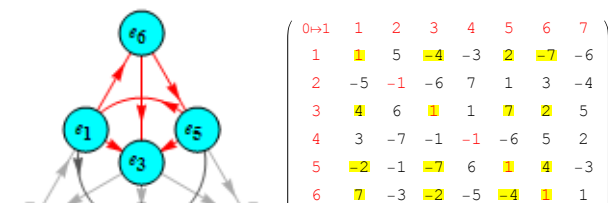
Split=4(1, 4, 5, 7) Not Flipped

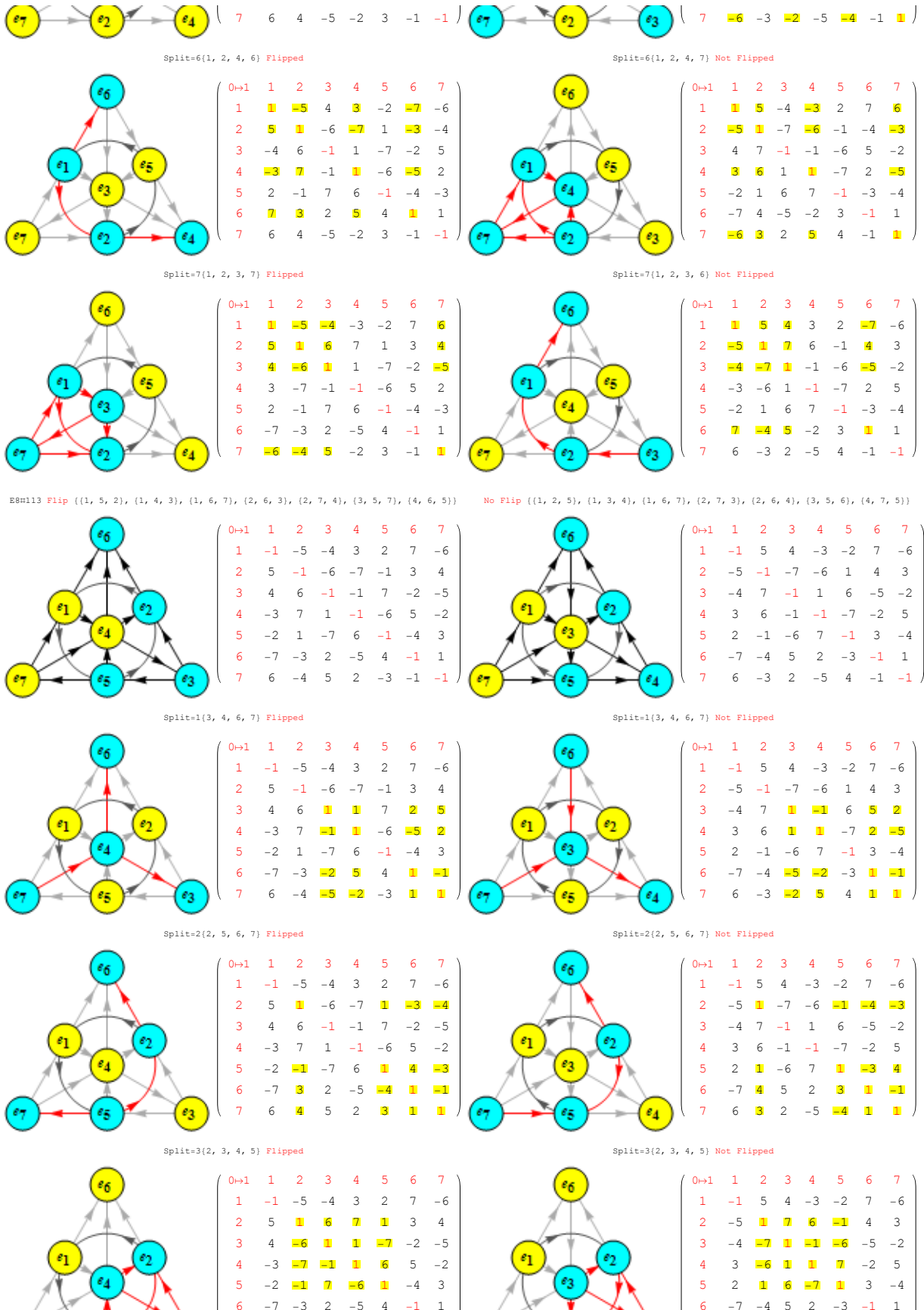


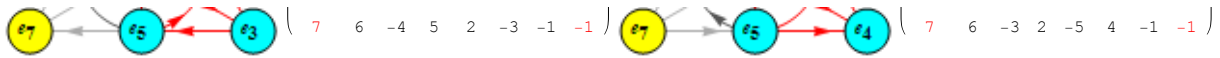
Split=5(1, 3, 5, 6) Flipped



Split=5(1, 3, 5, 6) Not Flipped

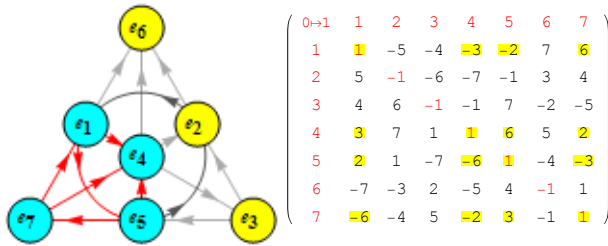






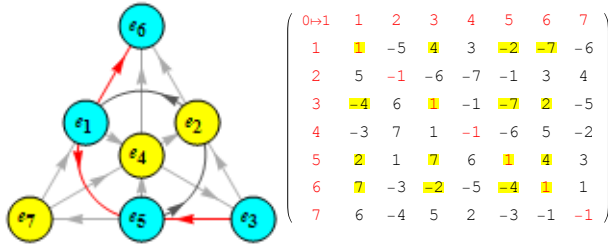
Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 5, 6) Not Flipped



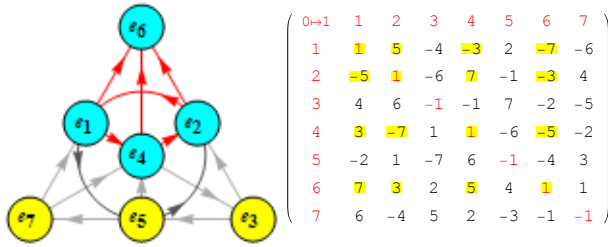
Split=5(1, 3, 5, 6) Flipped

Split=5(1, 3, 5, 7) Not Flipped



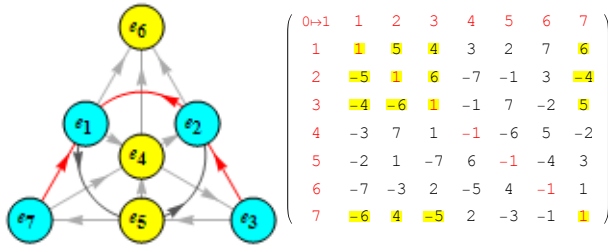
Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 7) Not Flipped



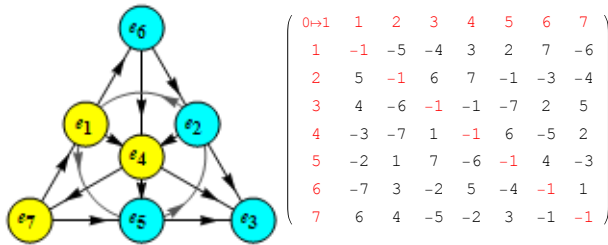
Split=7(1, 2, 3, 7) Flipped

Split=7(1, 2, 3, 6) Not Flipped



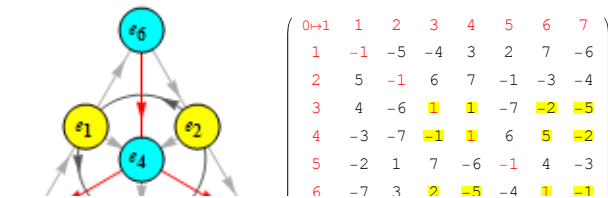
EBH138 Flip ((1, 5, 2), (1, 4, 3), (1, 6, 7), (2, 3, 6), (2, 4, 7), (3, 7, 5), (4, 5, 6))

No Flip ((1, 2, 5), (1, 3, 4), (1, 6, 7), (2, 3, 7), (2, 4, 6), (3, 6, 5), (4, 5, 7))



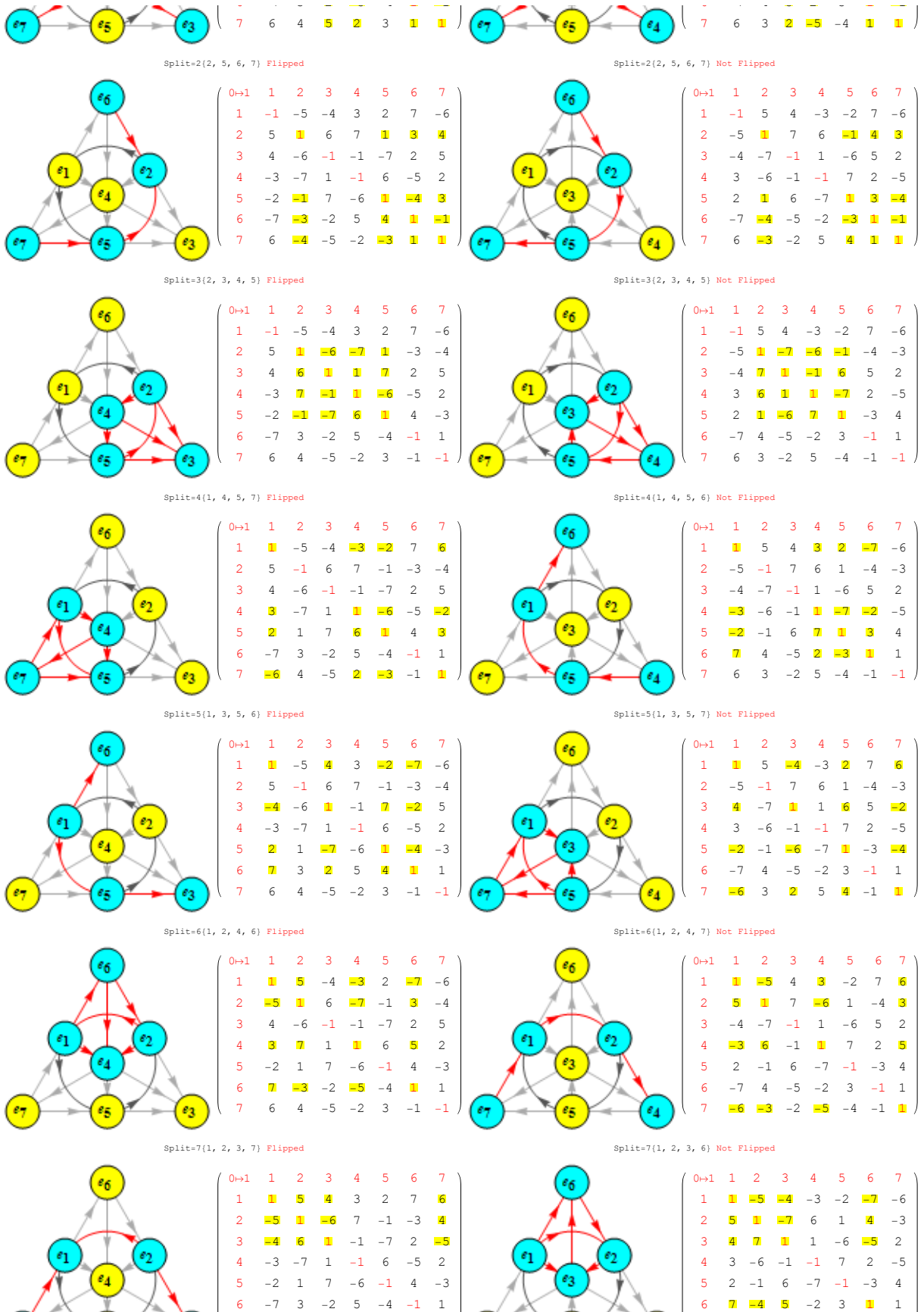
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped

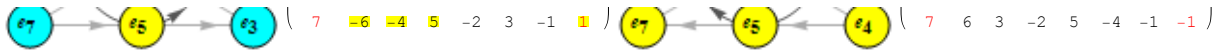


Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped

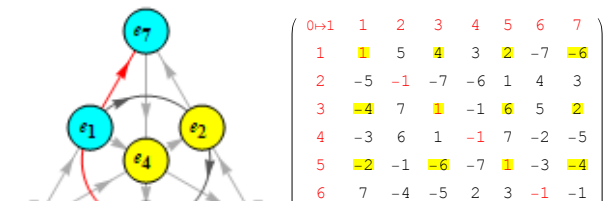
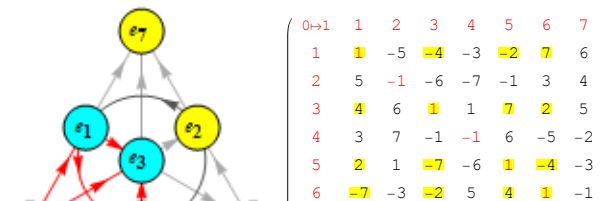
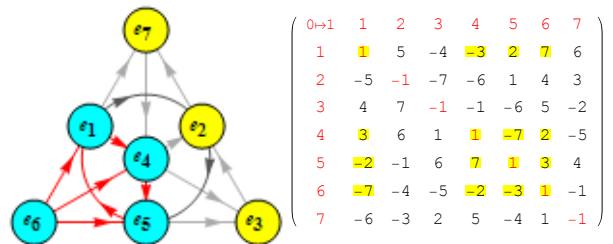
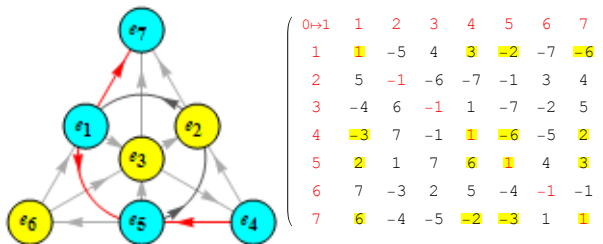
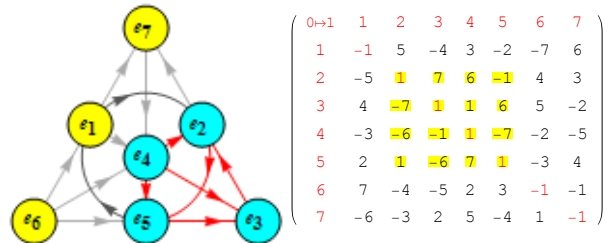
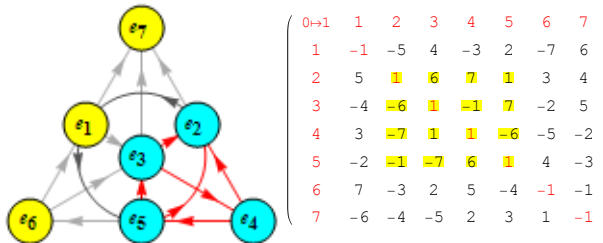
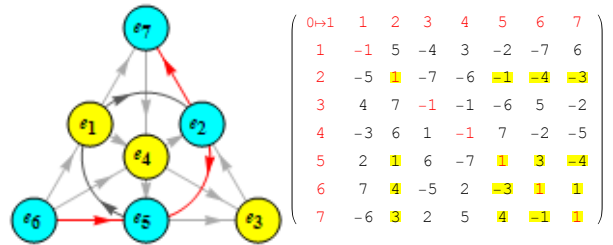
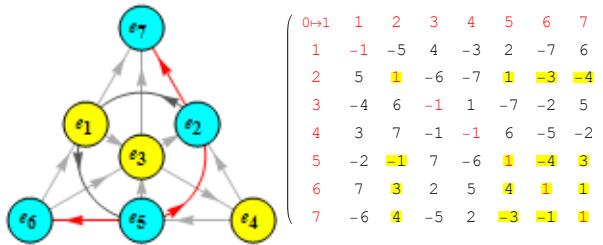
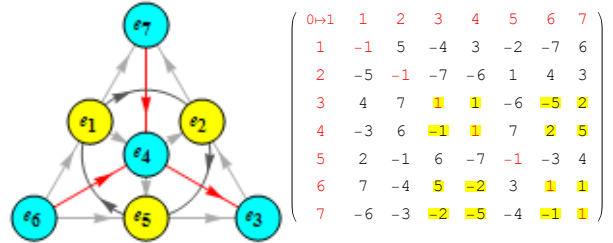
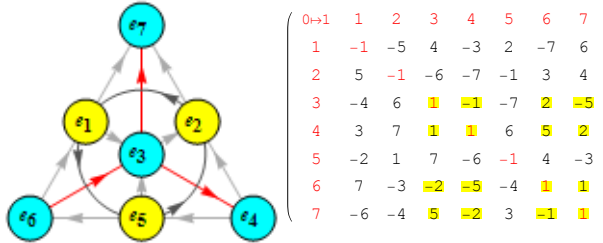
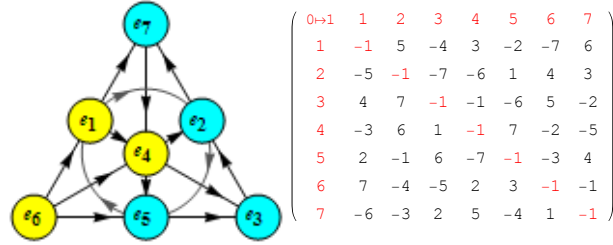
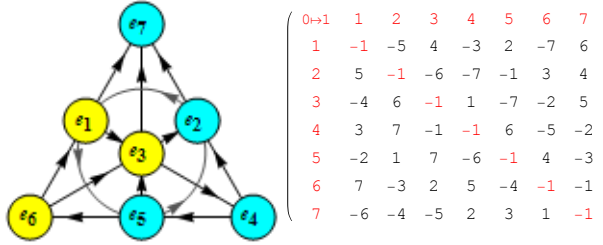


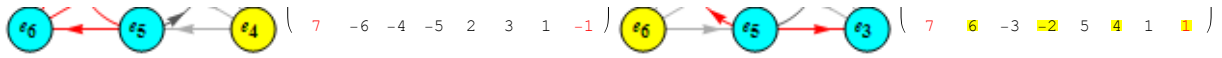




ESu118 Flip  $\{(1, 5, 2), (1, 3, 4), (1, 7, 6), (2, 6, 3), (2, 7, 4), (3, 7, 5), (4, 5, 6)\}$

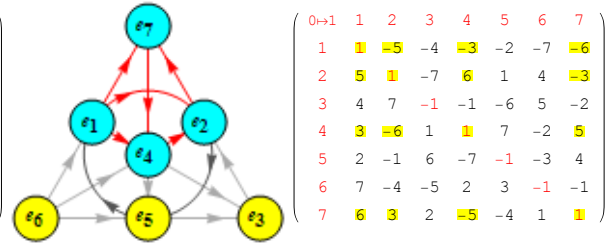
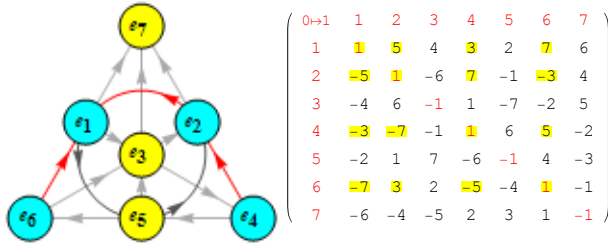
No Flip  $\{(1, 2, 5), (1, 4, 3), (1, 7, 6), (2, 7, 3), (2, 6, 4), (3, 6, 5), (4, 5, 7)\}$





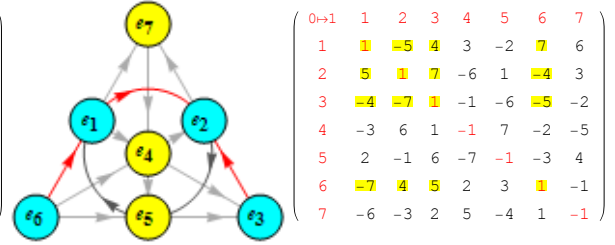
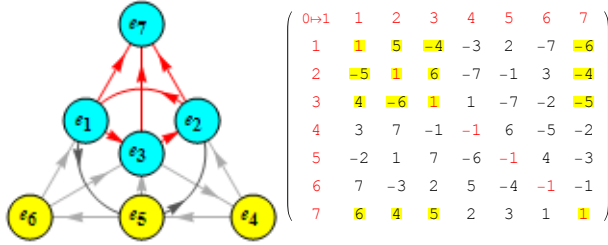
Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 7) Not Flipped



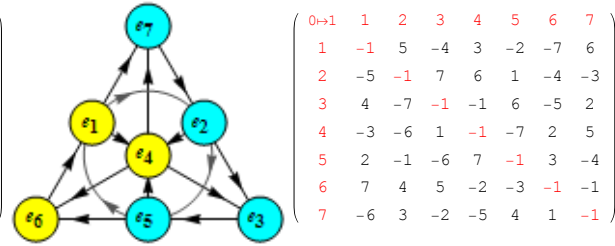
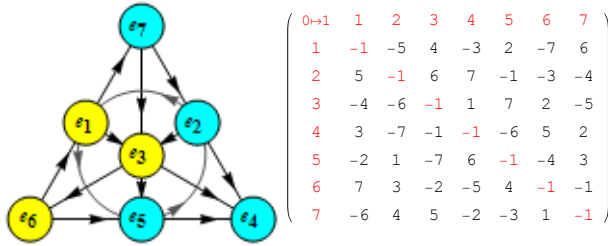
Split=7(1, 2, 3, 7) Flipped

Split=7(1, 2, 3, 6) Not Flipped



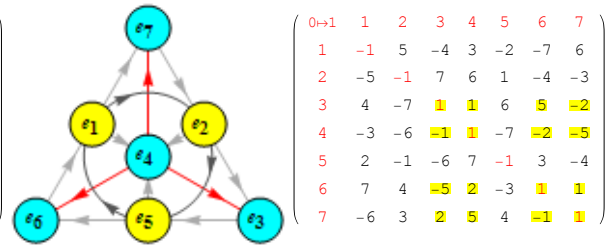
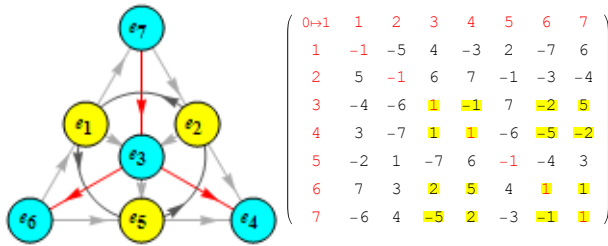
EBH133 Flip ((1, 5, 2), (1, 3, 4), (1, 7, 6), (2, 3, 6), (2, 4, 7), (3, 5, 7), (4, 6, 5))

No Flip ((1, 2, 5), (1, 4, 3), (1, 7, 6), (2, 3, 7), (2, 4, 6), (3, 5, 6), (4, 7, 5))



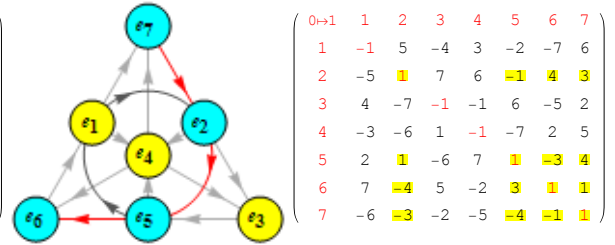
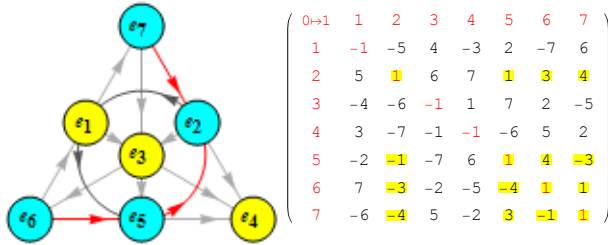
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



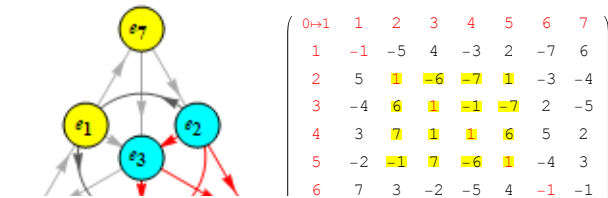
Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped

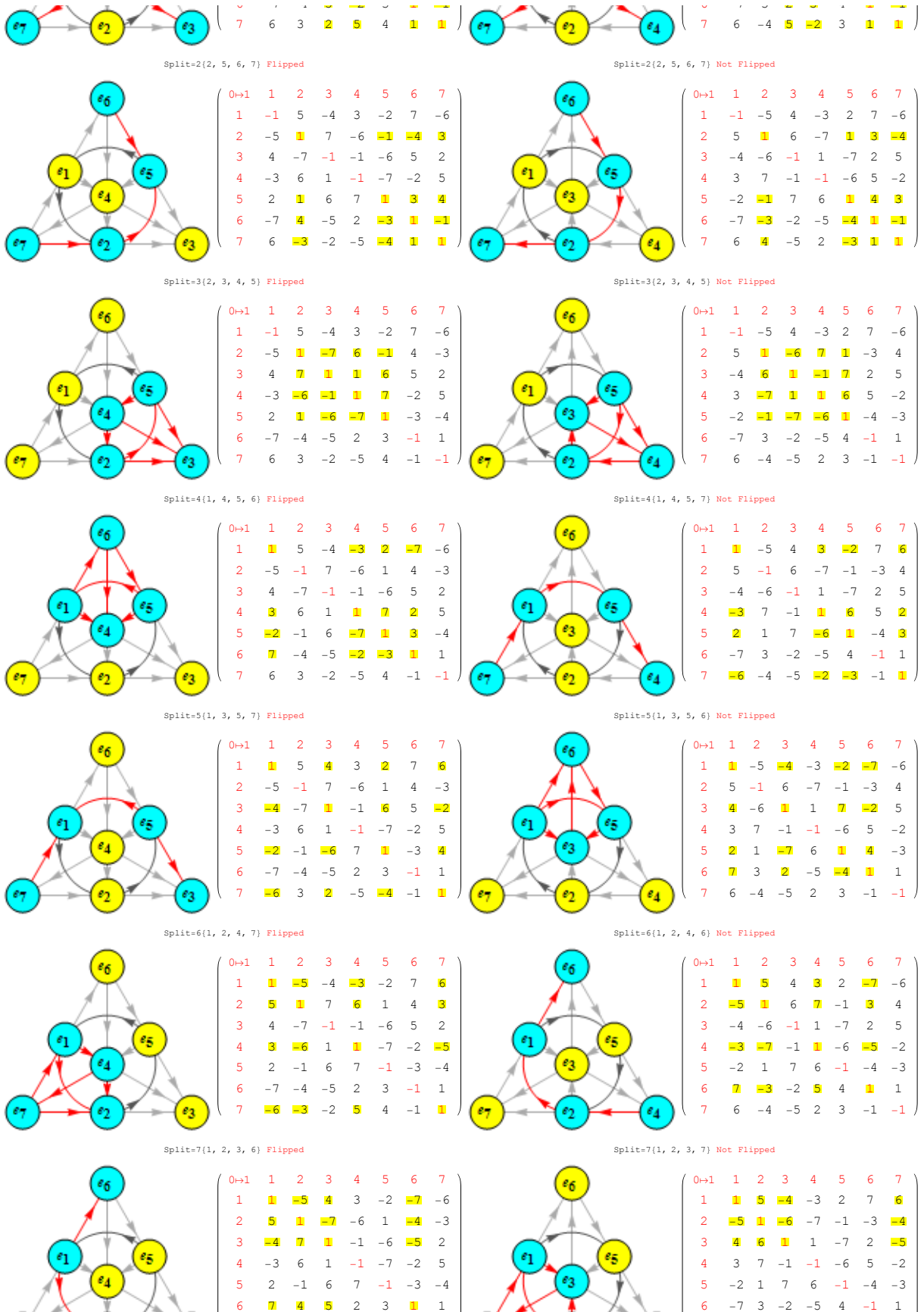


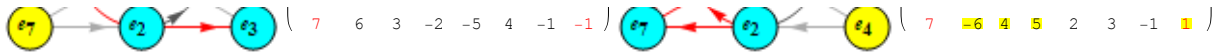
Split=3(2, 3, 4, 5) Flipped

Split=3(2, 3, 4, 5) Not Flipped



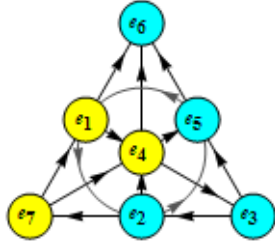




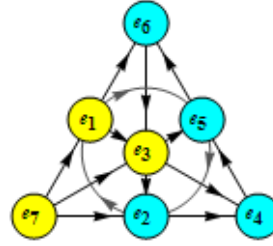


EB225 Flip  $\{(1, 2, 5), (1, 4, 3), (1, 6, 7), (2, 7, 3), (2, 4, 6), (3, 5, 6), (4, 5, 7)\}$

No Flip  $\{(1, 5, 2), (1, 3, 4), (1, 6, 7), (2, 6, 3), (2, 4, 7), (3, 5, 7), (4, 5, 6)\}$



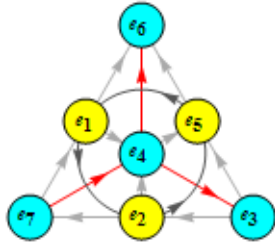
0→1	1	2	3	4	5	6	7
1	-1	5	-4	3	-2	7	-6
2	-5	-1	-7	6	1	-4	3
3	4	7	-1	-1	6	-5	-2
4	-3	-6	1	-1	7	2	-5
5	2	-1	-6	-7	-1	3	4
6	-7	4	5	-2	-3	-1	1
7	6	-3	2	5	-4	-1	-1



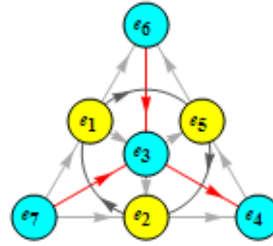
0→1	1	2	3	4	5	6	7
1	-1	-5	4	-3	2	7	-6
2	5	-1	-6	7	-1	3	-4
3	-4	6	-1	1	7	-2	-5
4	3	-7	-1	-1	6	-5	2
5	-2	1	-7	-6	-1	4	3
6	-7	-3	2	5	-4	-1	1
7	6	4	5	-2	-3	-1	-1

Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



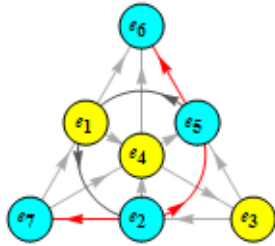
0→1	1	2	3	4	5	6	7
1	-1	5	-4	3	-2	7	-6
2	-5	-1	-7	6	1	-4	3
3	4	7	■	■	6	5	2
4	-3	-6	-1	■	7	-2	5
5	2	-1	-6	-7	-1	3	4
6	-7	4	-5	2	-3	■	-1
7	6	-3	-2	-5	-4	■	■



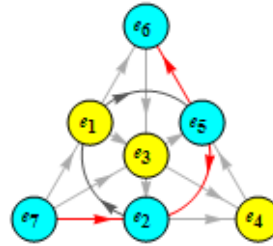
0→1	1	2	3	4	5	6	7
1	-1	-5	4	-3	2	7	-6
2	5	-1	-6	7	-1	3	-4
3	-4	6	■	-1	7	2	5
4	3	-7	■	■	6	5	-2
5	-2	1	-7	-6	-1	4	3
6	-7	-3	-2	-5	-4	■	-1
7	6	4	-5	2	-3	■	■

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



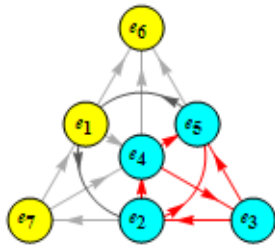
0→1	1	2	3	4	5	6	7
1	-1	5	-4	3	-2	7	-6
2	-5	■	-7	6	-1	4	-3
3	4	7	-1	-1	6	-5	-2
4	-3	-6	1	-1	7	2	-5
5	2	■	-6	-7	■	-3	4
6	-7	-4	5	-2	3	■	-1
7	6	3	2	5	4	■	■



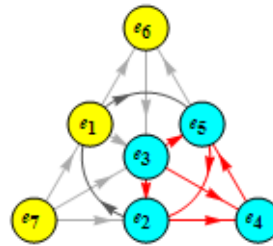
0→1	1	2	3	4	5	6	7
1	-1	-5	4	-3	2	7	-6
2	5	■	-6	7	■	-3	4
3	-4	6	-1	1	7	-2	-5
4	3	-7	-1	-1	6	-5	2
5	-2	-1	-7	-6	■	-4	3
6	-7	3	2	5	4	■	-1
7	6	-4	5	-2	3	■	■

Split=3(2, 3, 4, 5) Flipped

Split=3(2, 3, 4, 5) Not Flipped



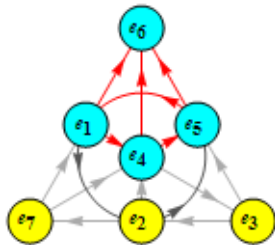
0→1	1	2	3	4	5	6	7
1	-1	5	-4	3	-2	7	-6
2	-5	■	7	-6	-1	-4	3
3	4	-7	■	■	-6	-5	-2
4	-3	6	-1	■	-7	2	-5
5	2	■	6	7	■	3	4
6	-7	4	5	-2	-3	-1	1
7	6	-3	2	5	-4	-1	-1



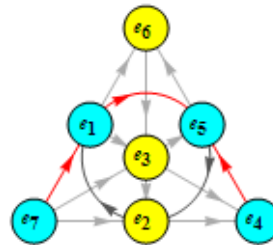
0→1	1	2	3	4	5	6	7
1	-1	-5	4	-3	2	7	-6
2	5	■	6	-7	■	3	-4
3	-4	-6	■	-1	-7	-2	-5
4	3	7	■	■	-6	-5	2
5	-2	-1	7	6	■	4	3
6	-7	-3	2	5	-4	-1	1
7	6	4	5	-2	-3	-1	-1

Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 6) Not Flipped



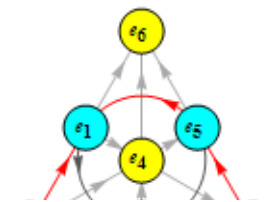
0→1	1	2	3	4	5	6	7
1	■	5	4	3	2	7	6
2	-5	-1	-7	6	1	-4	3
3	4	7	■	-1	-6	-5	2
4	-3	-6	1	-1	7	2	-5
5	-2	-1	6	7	■	3	4
6	7	4	5	2	3	■	1
7	6	-3	2	5	-4	-1	-1



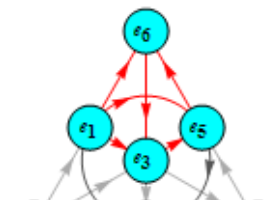
0→1	1	2	3	4	5	6	7
1	■	-5	-4	-3	-2	-7	-6
2	5	-1	-6	7	-1	3	-4
3	4	6	■	1	-7	2	-5
4	3	-7	-1	-1	6	-5	2
5	2	1	7	-6	■	-4	3
6	-7	-3	2	5	-4	-1	1
7	-6	4	5	2	3	-1	■

Split=5(1, 3, 5, 7) Flipped

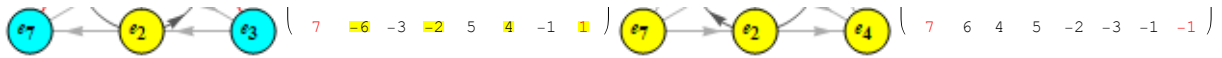
Split=5(1, 3, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	■	5	4	3	2	7	6
2	-5	-1	-7	6	1	-4	3
3	-4	7	■	-1	-6	-5	2
4	-3	-6	1	-1	7	2	-5
5	-2	-1	6	-7	■	3	-4
6	7	4	5	-2	-3	-1	1

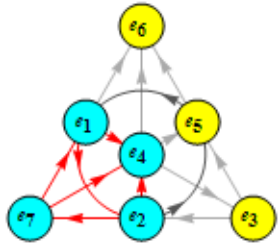


0→1	1	2	3	4	5	6	7
1	■	-5	-4	-3	-2	-7	-6
2	5	-1	-6	7	-1	3	-4
3	4	6	■	1	-7	2	-5
4	3	-7	-1	-1	6	-5	2
5	2	1	7	-6	■	-4	3
6	7	-3	-2	5	4	■	1

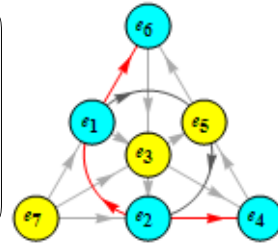


Split=6(1, 2, 4, 7) Flipped

Split=6(1, 2, 4, 6) Not Flipped



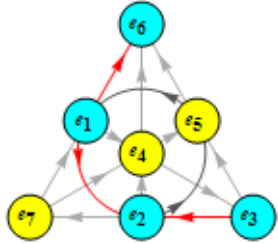
0→1	1	2	3	4	5	6	7
1	1	-5	-4	-3	-2	7	6
2	5	1	-7	-6	1	-4	-3
3	4	7	-1	-1	6	-5	-2
4	3	6	1	1	7	2	5
5	2	-1	-6	-7	-1	3	4
6	-7	4	5	-2	-3	-1	1
7	-6	3	2	-5	-4	-1	1



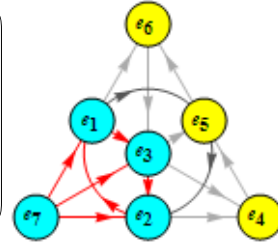
0→1	1	2	3	4	5	6	7
1	1	5	4	3	2	-7	-6
2	-5	1	-6	-7	-1	-3	-4
3	-4	6	-1	1	7	-2	-5
4	-3	7	-1	1	6	5	2
5	-2	1	-7	-6	-1	4	3
6	7	3	2	-5	-4	1	1
7	6	4	5	-2	-3	-1	-1

Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 7) Not Flipped



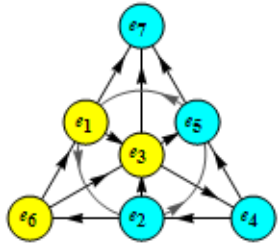
0→1	1	2	3	4	5	6	7
1	1	-5	4	3	-2	-7	-6
2	5	1	7	6	1	4	3
3	-4	-7	1	-1	6	5	-2
4	-3	-6	1	-1	7	2	-5
5	2	-1	-6	-7	-1	3	4
6	7	-4	-5	-2	-3	1	1
7	6	-3	2	5	-4	-1	-1



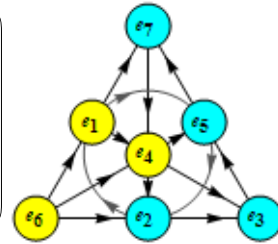
0→1	1	2	3	4	5	6	7
1	1	5	-4	-3	2	7	6
2	-5	1	6	7	-1	3	4
3	4	-6	1	1	7	-2	5
4	3	-7	-1	1	6	-5	2
5	-2	1	-7	-6	-1	4	3
6	-7	-3	2	5	-4	-1	1
7	-6	-4	-5	-2	-3	-1	1

E8m154 Flip {(1, 2, 5), (1, 3, 4), (1, 7, 6), (2, 3, 7), (2, 6, 4), (3, 5, 6), (4, 5, 7)}

No Flip {(1, 5, 2), (1, 4, 3), (1, 7, 6), (2, 3, 6), (2, 7, 4), (3, 5, 7), (4, 5, 6)}



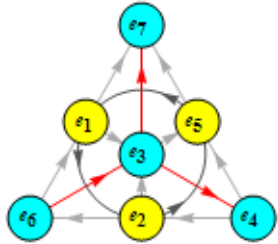
0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	-1	7	-6	1	4	-3
3	-4	-7	-1	1	6	-5	2
4	3	6	-1	-1	7	-2	-5
5	2	-1	-6	-7	-1	3	4
6	7	-4	5	2	-3	-1	-1
7	-6	3	-2	5	-4	1	-1



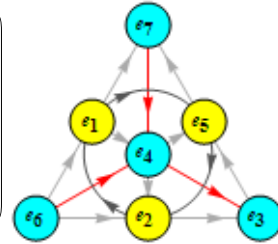
0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	-1	6	-7	-1	-3	4
3	4	-6	-1	-1	7	2	-5
4	-3	7	1	-1	6	-5	-2
5	-2	1	-7	-6	-1	4	3
6	7	3	-2	5	-4	-1	-1
7	-6	-4	5	2	-3	1	-1

Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



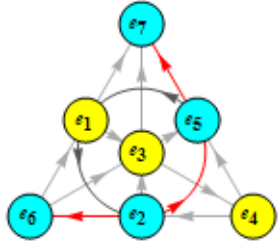
0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	-1	7	-6	1	4	-3
3	-4	-7	1	-1	6	5	-2
4	3	6	1	1	7	2	5
5	2	-1	-6	-7	-1	3	4
6	7	-4	-5	-2	-3	1	1
7	-6	3	2	-5	-4	-1	1



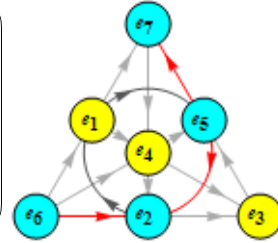
0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	-1	6	-7	-1	-3	4
3	4	-6	1	1	7	-2	5
4	-3	7	-1	1	6	5	2
5	-2	1	-7	-6	-1	4	3
6	7	3	2	-5	-4	1	1
7	-6	-4	-5	-2	-3	-1	1

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



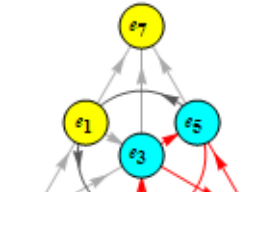
0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	1	7	-6	-1	-4	3
3	-4	-7	-1	1	6	-5	2
4	3	6	-1	-1	7	-2	-5
5	2	1	-6	-7	1	-3	-4
6	7	4	5	2	3	1	1
7	-6	-3	-2	5	4	-1	1



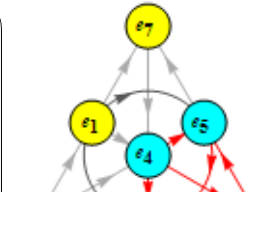
0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	1	6	-7	1	3	-4
3	4	-6	-1	-1	7	2	-5
4	-3	7	1	-1	6	-5	-2
5	-2	-1	-7	-6	1	-4	-3
6	7	3	2	-5	4	1	1
7	-6	4	5	2	3	-1	1

Split=3(2, 3, 4, 5) Flipped

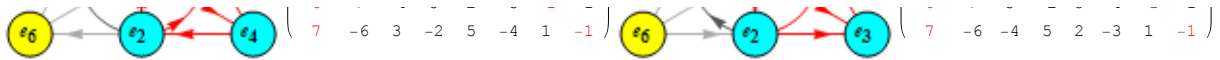
Split=3(2, 3, 4, 5) Not Flipped



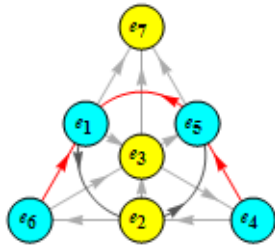
0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	1	-7	6	-1	4	-3
3	-4	7	1	-1	-6	-5	2
4	3	-6	1	1	-7	-2	-5
5	2	1	6	7	1	3	4
6	7	-4	5	2	-3	-1	-1



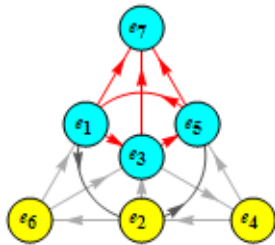
0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	1	-6	7	1	-3	4
3	4	6	1	1	-7	2	-5
4	-3	-7	-1	1	-6	-5	-2
5	-2	-1	7	6	1	4	3
6	7	3	-2	5	-4	-1	-1



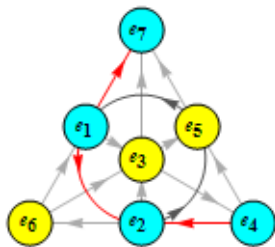
Split=4(1, 4, 5, 6) Flipped



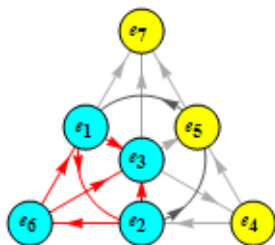
Split=5(1, 3, 5, 7) Flipped



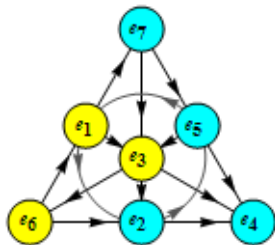
Split=6(1, 2, 4, 7) Flipped



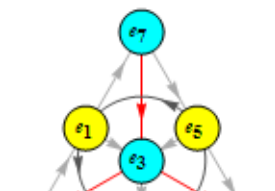
Split=7(1, 2, 3, 6) Flipped



EBH220 Flip ((1, 2, 5), (1, 3, 4), (1, 7, 6), (2, 7, 3), (2, 4, 6), (3, 6, 5), (4, 7, 5))



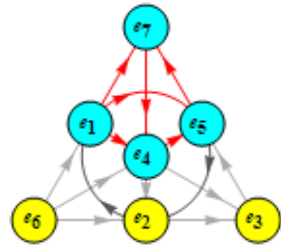
Split=1(3, 4, 6, 7) Flipped



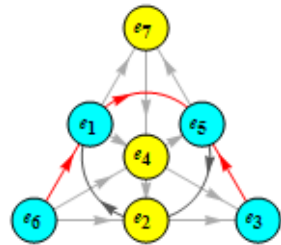
Split=1(3, 4, 6, 7) Not Flipped



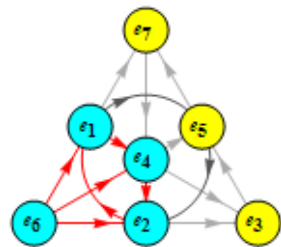
Split=4(1, 4, 5, 7) Not Flipped



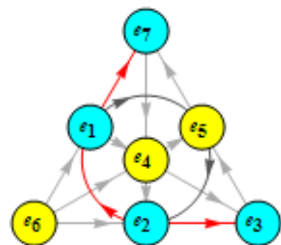
Split=5(1, 3, 5, 6) Not Flipped



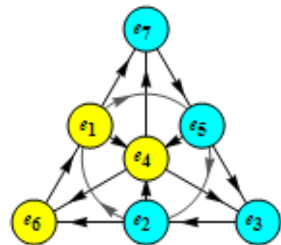
Split=6(1, 2, 4, 6) Not Flipped



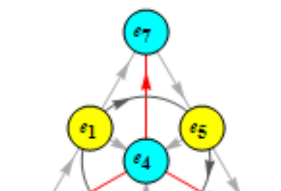
Split=7(1, 2, 3, 7) Not Flipped



No Flip ((1, 5, 2), (1, 4, 3), (1, 7, 6), (2, 6, 3), (2, 4, 7), (3, 7, 5), (4, 6, 5))



Split=1(3, 4, 6, 7) Not Flipped



Split=1(3, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	5	4	3	2	7	6	
2	-5	-1	7	-6	1	4	-3
3	-4	-7	-1	1	6	-5	2
4	-3	6	-1	1	-7	2	-5
5	-2	-1	-6	7	1	-3	4
6	-7	-4	5	-2	3	1	-1
7	-6	3	-2	5	-4	1	-1

0→1	1	2	3	4	5	6	7
1	-5	-4	-3	-2	-7	-6	
2	5	-1	6	-7	-1	-3	4
3	4	-6	-1	-1	7	2	-5
4	3	7	1	1	-6	-5	2
5	2	1	-7	6	1	4	-3
6	7	3	-2	5	-4	-1	-1
7	6	-4	5	-2	3	1	1

0→1	1	2	3	4	5	6	7
1	5	-4	-3	2	-7	-6	
2	-5	-1	7	-6	1	4	-3
3	4	-7	1	-6	-5	-2	
4	3	6	-1	-1	7	-2	-5
5	-2	-1	6	-7	1	3	-4
6	7	-4	5	2	-3	-1	-1
7	6	3	2	5	4	1	1

0→1	1	2	3	4	5	6	7
1	-5	4	3	-2	7	6	
2	5	-1	6	-7	-1	-3	4
3	-4	-6	1	-1	-7	-2	-5
4	-3	7	1	-1	6	-5	-2
5	2	1	7	-6	1	4	3
6	-7	3	2	5	4	1	-1
7	-6	-4	5	2	-3	1	-1

0→1	1	2	3	4	5	6	7
1	-5	4	3	-2	-7	-6	
2	5	1	7	6	1	4	3
3	-4	-7	-1	1	6	-5	2
4	-3	-6	-1	1	7	-2	5
5	2	-1	-6	-7	-1	3	4
6	7	-4	5	2	-3	-1	-1
7	6	-3	-2	-5	-4	1	1

0→1	1	2	3	4	5	6	7
1	5	-4	-3	2	7	6	
2	-5	1	6	7	-1	3	4
3	4	-6	-1	-1	7	2	-5
4	3	-7	1	1	6	5	-2
5	-2	1	-7	-6	-1	4	3
6	-7	-3	-2	-5	-4	1	-1
7	-6	-4	5	2	-3	1	-1

0→1	1	2	3	4	5	6	7
1	-5	-4	-3	-2	7	6	
2	5	1	-7	-6	1	-4	-3
3	4	7	1	6	5	2	
4	3	6	-1	-1	7	-2	-5
5	2	-1	-6	-7	-1	3	4
6	-7	4	-5	2	-3	1	-1
7	-6	3	-2	5	-4	1	-1

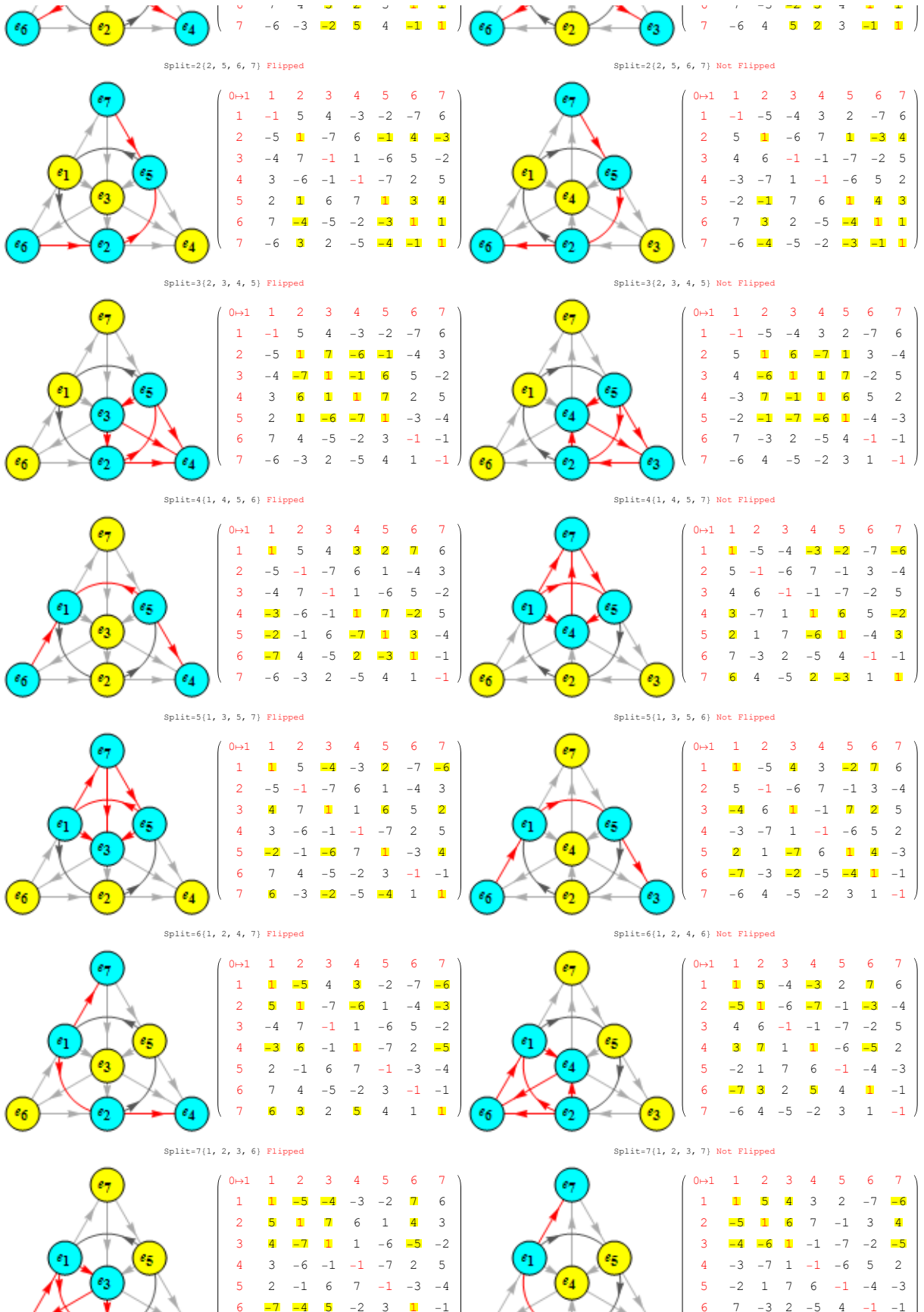
0→1	1	2	3	4	5	6	7
1	5	4	3	2	-7	-6	
2	-5	1	-6	-7	-1	-3	-4
3	-4	6	1	-1	7	2	5
4	-3	7	1	-1	6	-5	-2
5	-2	1	-7	-6	-1	4	3
6	7	3	-2	5	-4	-1	-1
7	6	4	-5	2	-3	1	1

0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	-1	-7	6	1	-4	3
3	-4	7	-1	1	-6	5	-2
4	3	-6	-1	-1	-7	2	5
5	2	-1	6	7	-1	-3	-4
6	7	4	-5	-2	3	-1	-1
7	-6	-3	2	-5	4	1	-1

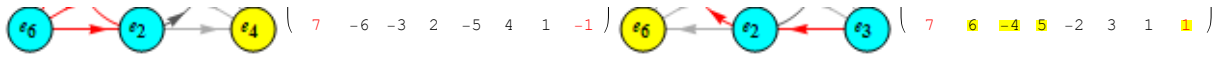
0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	-1	-6	7	-1	3	-4
3	4	6	-1	-1	-7	-2	5
4	-3	-7	1	-1	-6	5	2
5	-2	1	7	6	-1	-4	-3
6	7	-3	2	-5	4	-1	-1
7	-6	4	-5	-2	3	1	-1

0→1	1	2	3	4	5	6	7
1	-1	5	4	-3	-2	-7	6
2	-5	-1	-7	6	1	-4	3
3	-4	7	1	-6	-5	2	
4	3	-6	1	-7	-2	-5	
5	2	-1	6	7	-1	-3	-4
6	7	4	-5	-2	3	-1	-1
7	-6	-3	2	-5	4	1	-1

0→1	1	2	3	4	5	6	7
1	-1	-5	-4	3	2	-7	6
2	5	-1	-6	7	-1	3	-4
3	4	6	1	-7	2	-5	
4	-3	-7	1	-6	-5	-2	
5	-2	1	7	6	-1	-4	-3
6	7	-3	2	-5	4	-1	-1
7	-6	4	-5	-2	3	1	-1

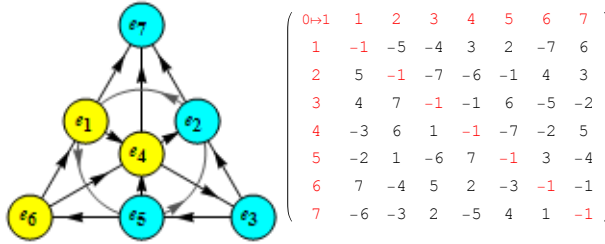




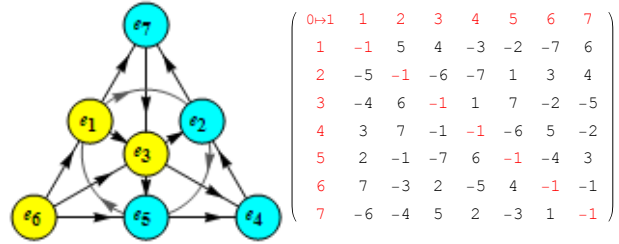


ESm19 Flip ((1, 5, 2), (1, 4, 3), (1, 7, 6), (2, 7, 3), (2, 6, 4), (3, 5, 6), (4, 7, 5))

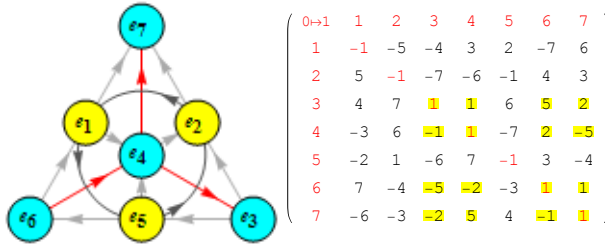
No Flip ((1, 2, 5), (1, 3, 4), (1, 7, 6), (2, 6, 3), (2, 7, 4), (3, 5, 7), (4, 6, 5))



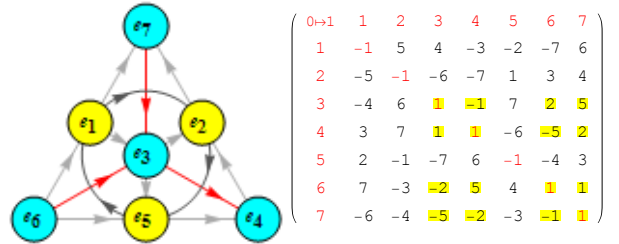
Split=1(3, 4, 6, 7) Flipped



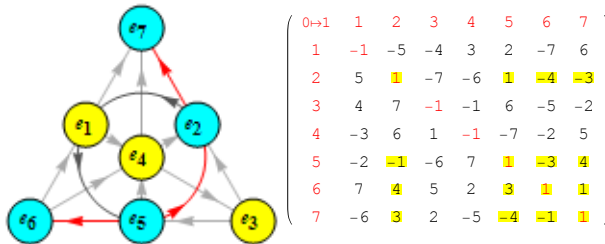
Split=1(3, 4, 6, 7) Not Flipped



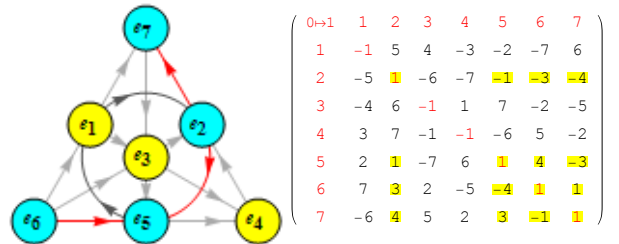
Split=2(2, 5, 6, 7) Flipped



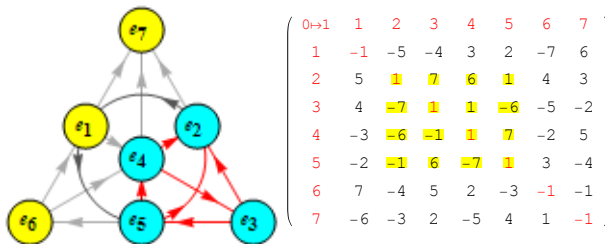
Split=2(2, 5, 6, 7) Not Flipped



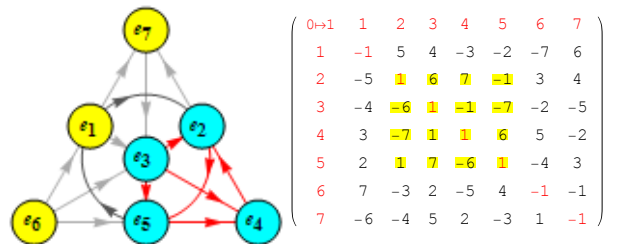
Split=3(2, 3, 4, 5) Flipped



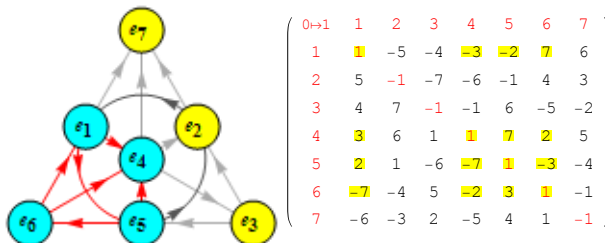
Split=3(2, 3, 4, 5) Not Flipped



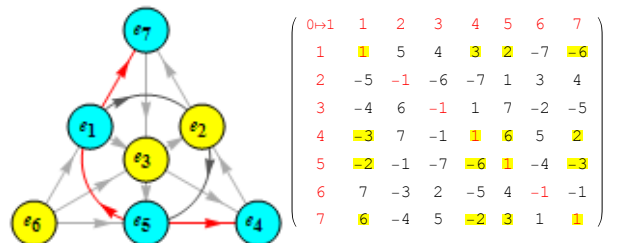
Split=4(1, 4, 5, 6) Flipped



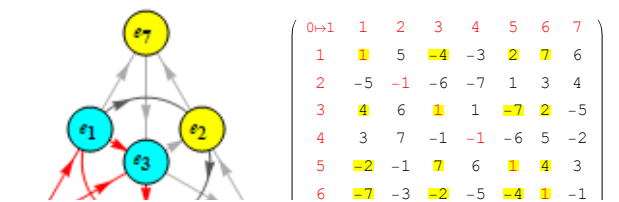
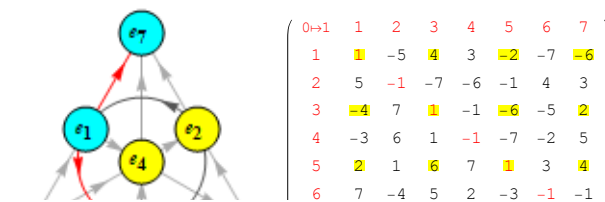
Split=4(1, 4, 5, 7) Not Flipped

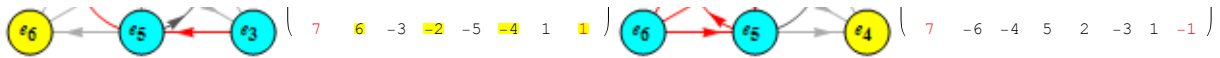


Split=5(1, 3, 5, 7) Flipped



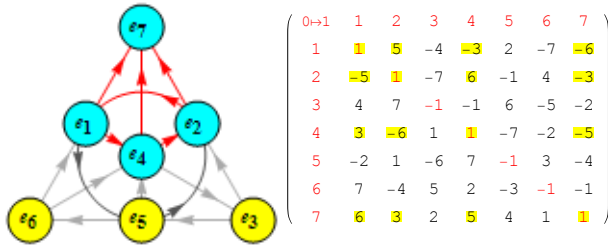
Split=5(1, 3, 5, 6) Not Flipped



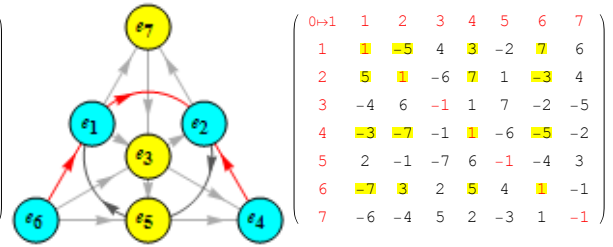


Split=6(1, 2, 4, 7) Flipped

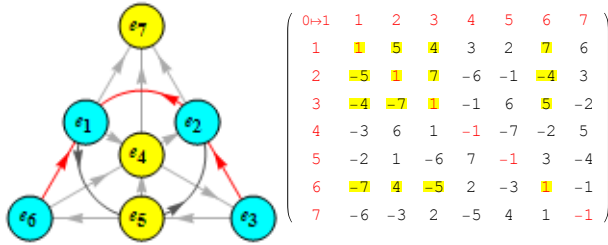
Split=6(1, 2, 4, 6) Not Flipped



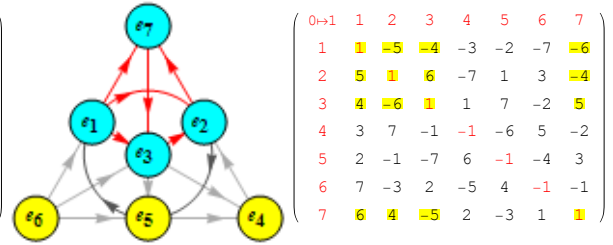
Split=7(1, 2, 3, 6) Flipped



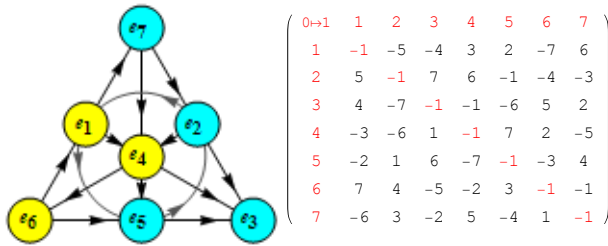
Split=7(1, 2, 3, 7) Not Flipped



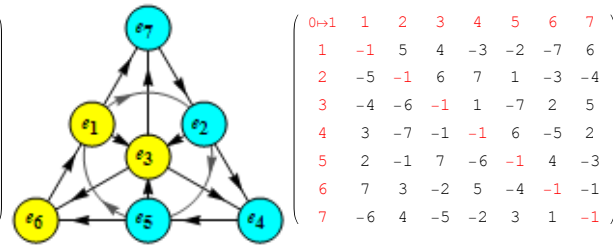
E8m144 Flip ((1, 5, 2), (1, 4, 3), (1, 7, 6), (2, 3, 7), (2, 4, 6), (3, 6, 5), (4, 5, 7))



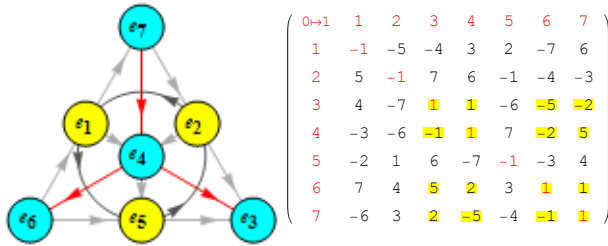
No Flip ((1, 2, 5), (1, 3, 4), (1, 7, 6), (2, 3, 6), (2, 4, 7), (3, 7, 5), (4, 5, 6))



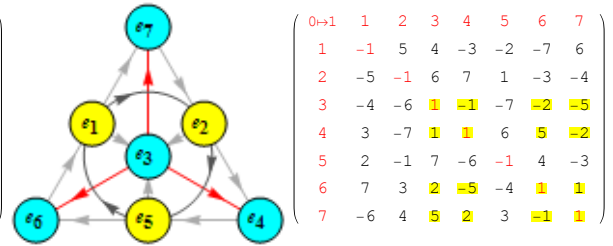
Split=1(3, 4, 6, 7) Flipped



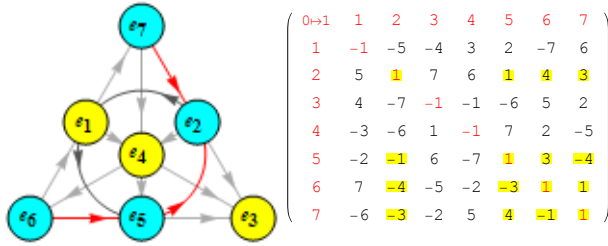
Split=1(3, 4, 6, 7) Not Flipped



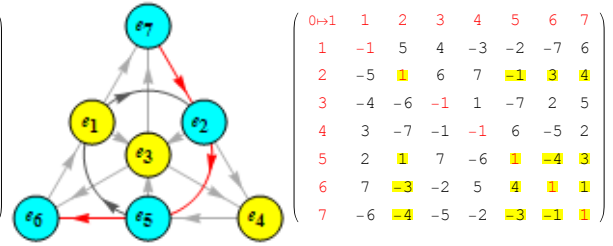
Split=2(2, 5, 6, 7) Flipped



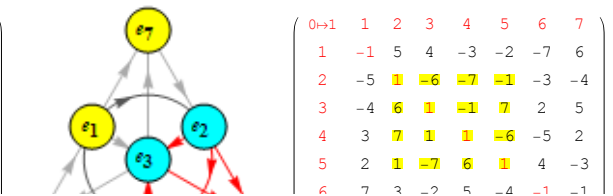
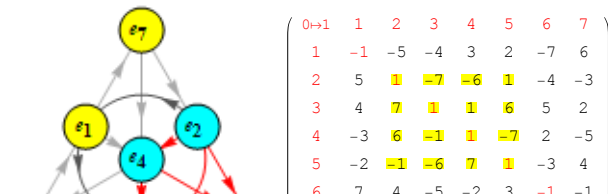
Split=2(2, 5, 6, 7) Not Flipped

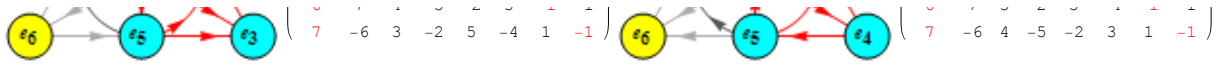


Split=3(2, 3, 4, 5) Flipped



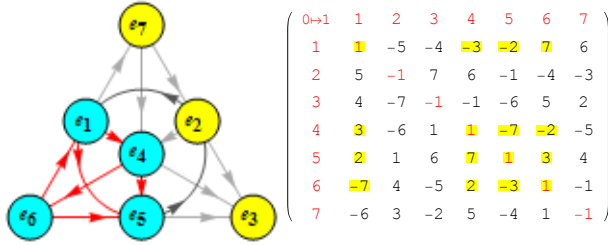
Split=3(2, 3, 4, 5) Not Flipped



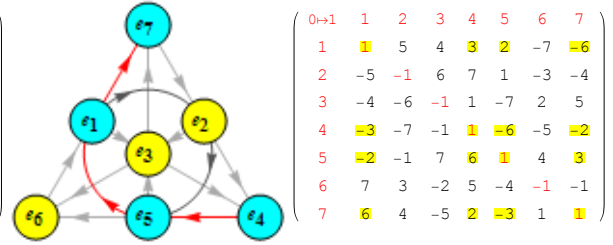


Split=4(1, 4, 5, 6) Flipped

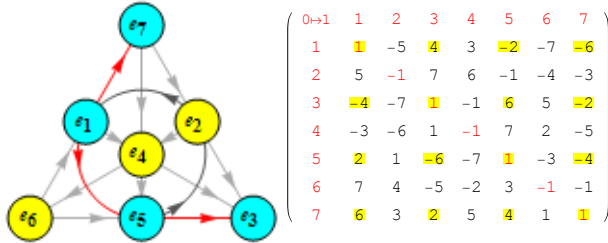
Split=4(1, 4, 5, 7) Not Flipped



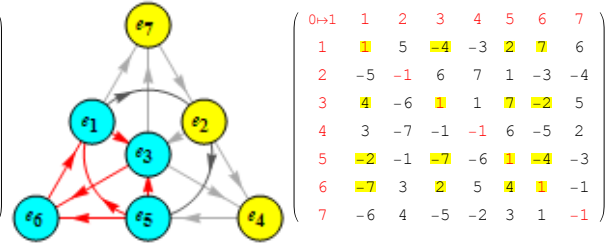
Split=5(1, 3, 5, 7) Flipped



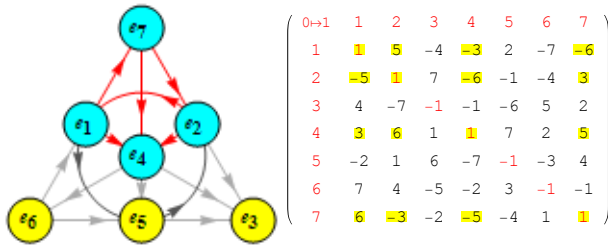
Split=5(1, 3, 5, 6) Not Flipped



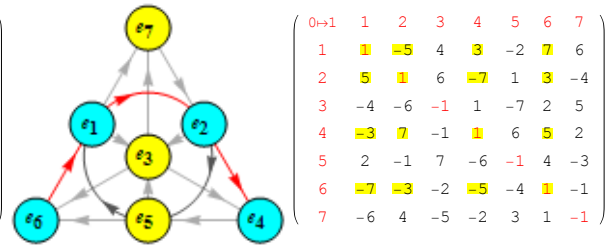
Split=6(1, 2, 4, 7) Flipped



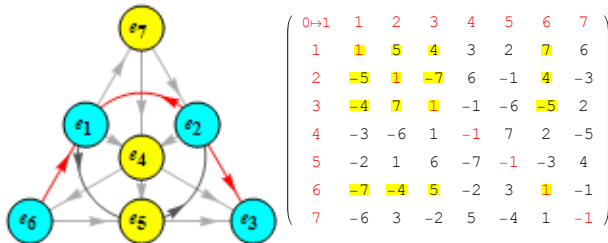
Split=6(1, 2, 4, 6) Not Flipped



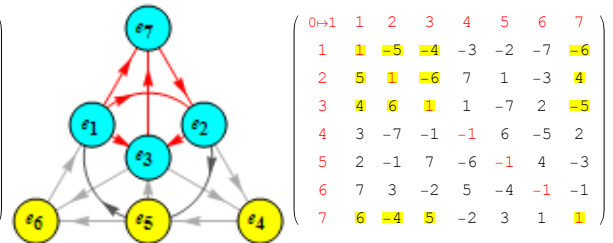
Split=7(1, 2, 3, 6) Flipped



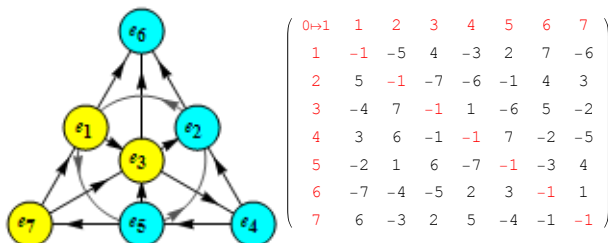
Split=7(1, 2, 3, 7) Not Flipped



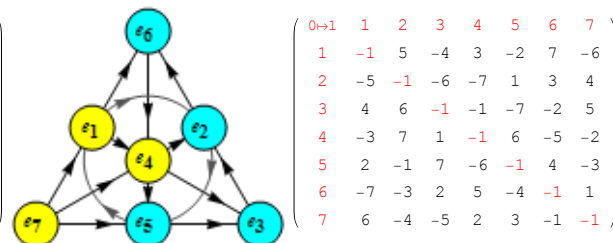
EB8124 Flip ((1, 5, 2), (1, 3, 4), (1, 6, 7), (2, 7, 3), (2, 6, 4), (3, 6, 5), (4, 5, 7))



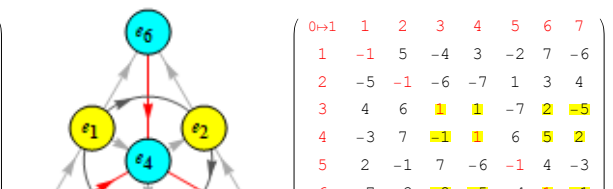
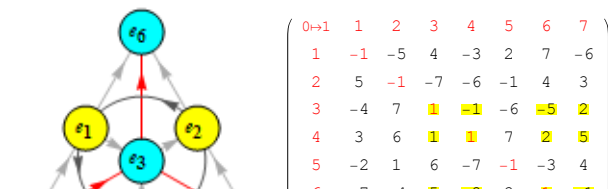
No Flip ((1, 2, 5), (1, 4, 3), (1, 6, 7), (2, 6, 3), (2, 7, 4), (3, 7, 5), (4, 5, 6))

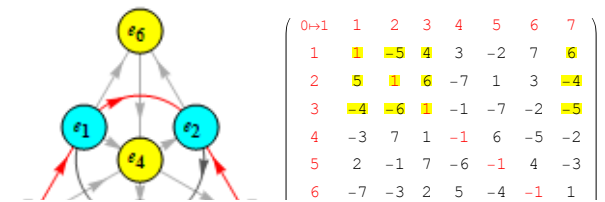
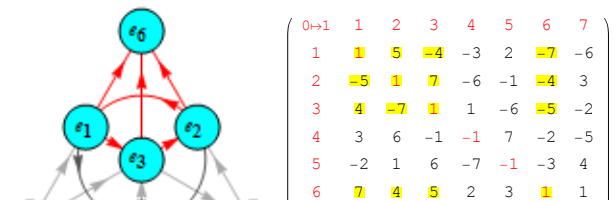
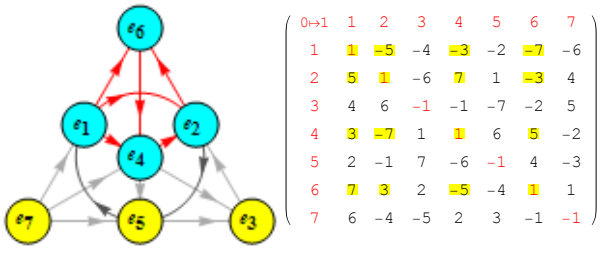
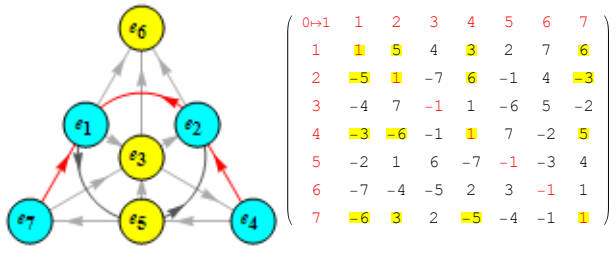
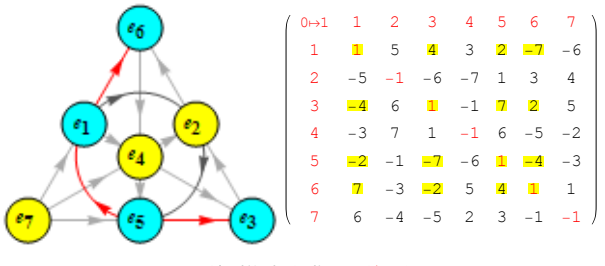
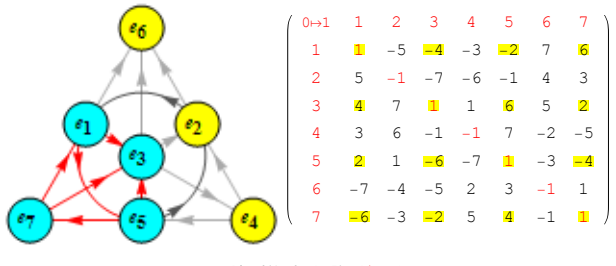
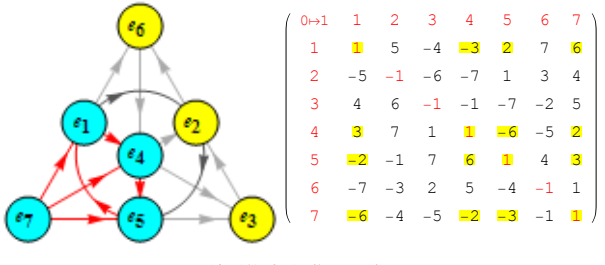
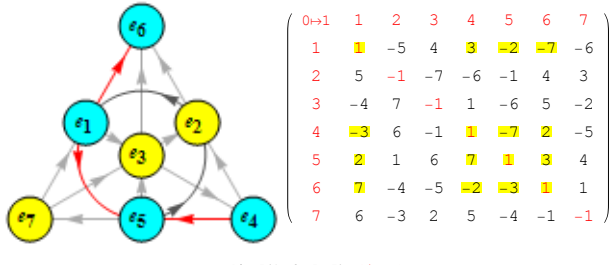
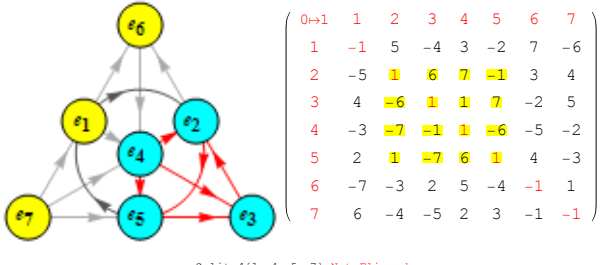
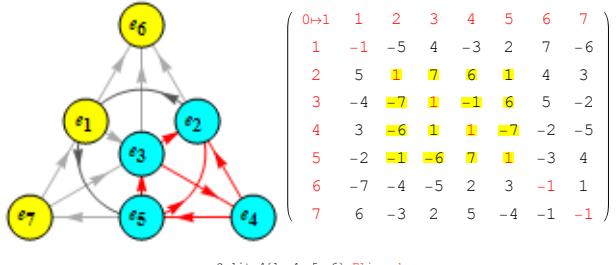
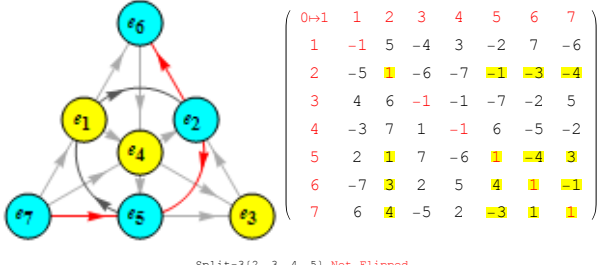
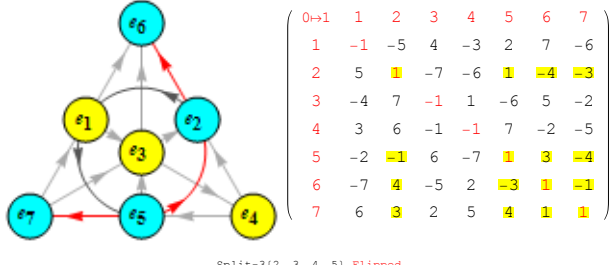
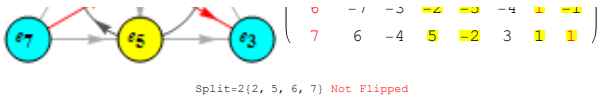
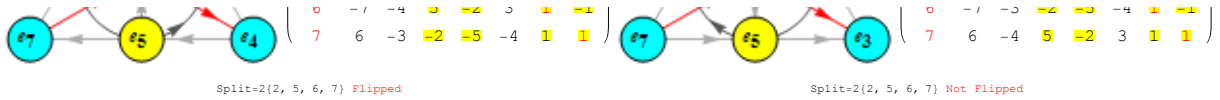


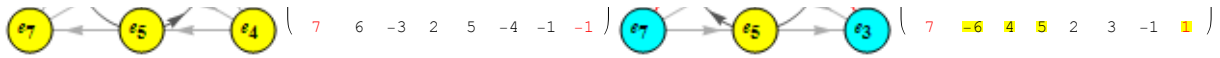
Split=1(3, 4, 6, 7) Flipped



Split=1(3, 4, 6, 7) Not Flipped

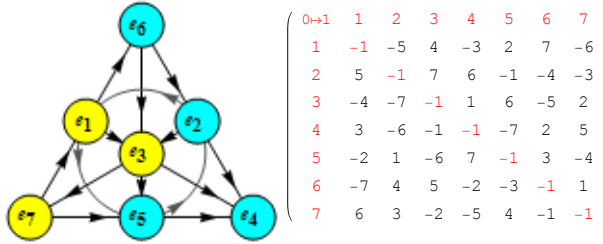




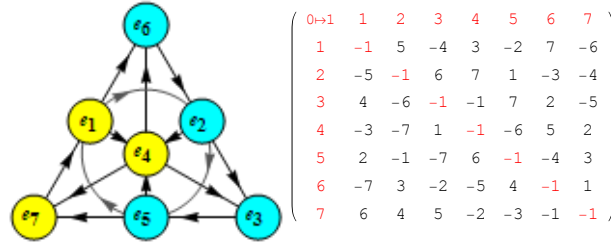


EB8139 Flip  $\{(1, 5, 2), (1, 3, 4), (1, 6, 7), (2, 3, 7), (2, 4, 6), (3, 5, 6), (4, 7, 5)\}$

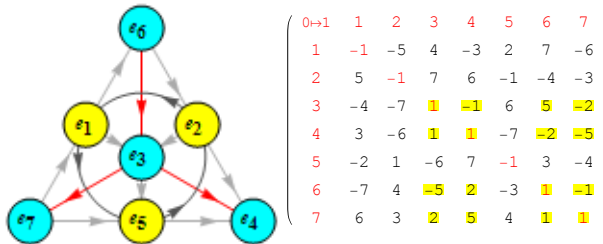
No Flip  $\{(1, 2, 5), (1, 4, 3), (1, 6, 7), (2, 3, 6), (2, 4, 7), (3, 5, 7), (4, 6, 5)\}$



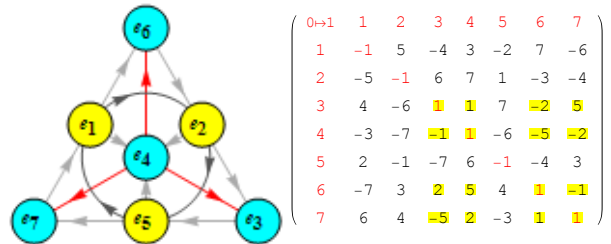
Split=1(3, 4, 6, 7) Flipped



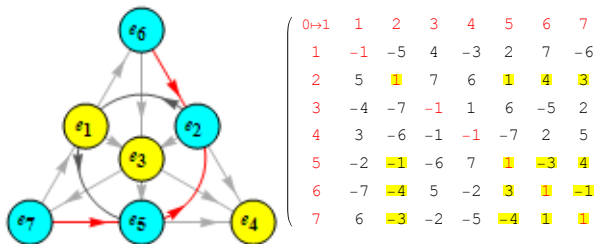
Split=1(3, 4, 6, 7) Not Flipped



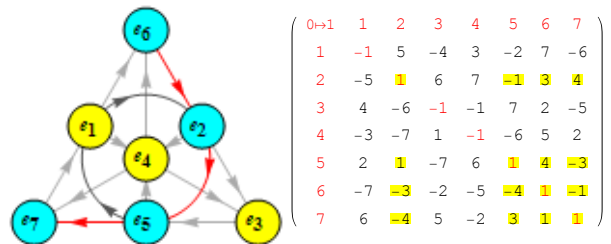
Split=2(2, 5, 6, 7) Flipped



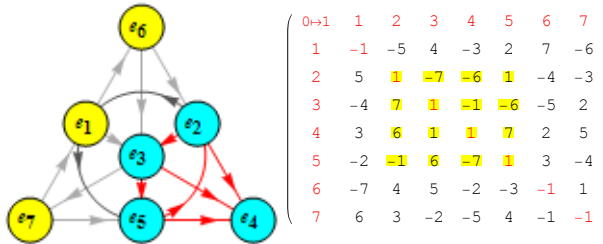
Split=2(2, 5, 6, 7) Not Flipped



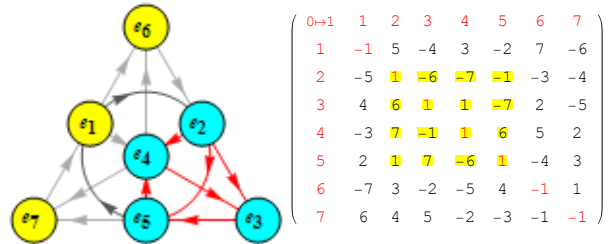
Split=3(2, 3, 4, 5) Flipped



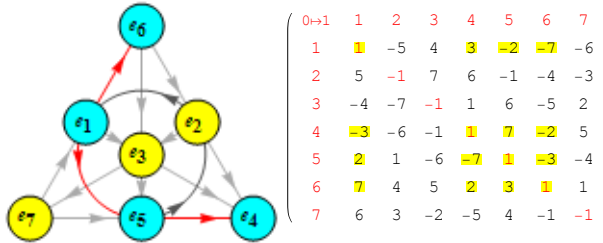
Split=3(2, 3, 4, 5) Not Flipped



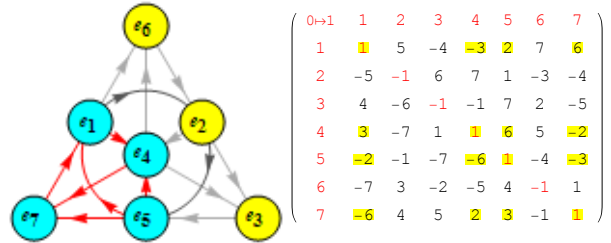
Split=4(1, 4, 5, 6) Flipped



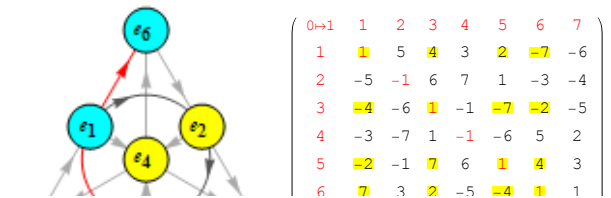
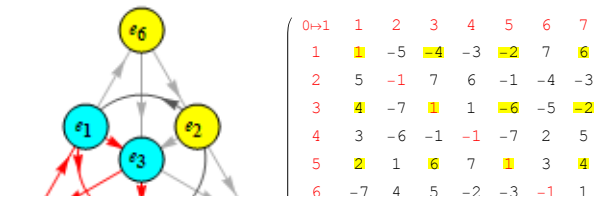
Split=4(1, 4, 5, 6) Not Flipped

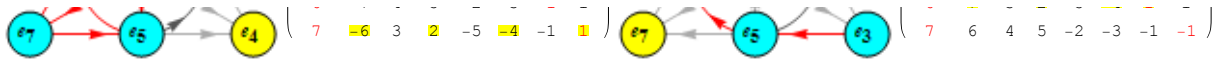


Split=5(1, 3, 5, 7) Flipped



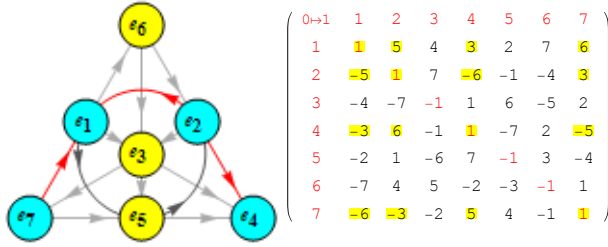
Split=5(1, 3, 5, 6) Not Flipped



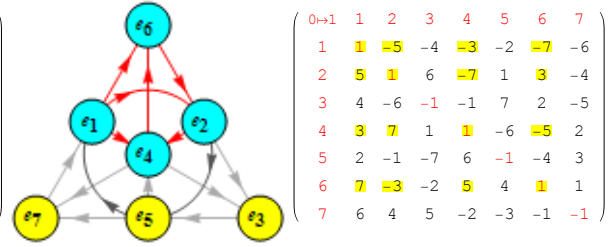


Split=6(1, 2, 4, 7) Flipped

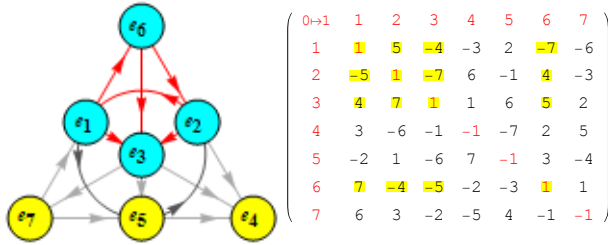
Split=6(1, 2, 4, 6) Not Flipped



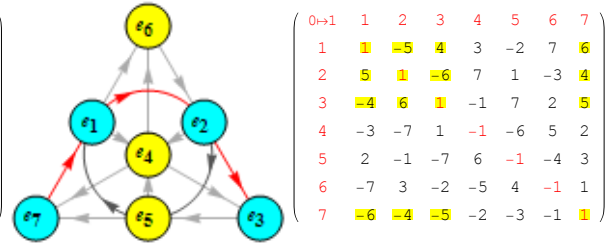
Split=7(1, 2, 3, 6) Flipped



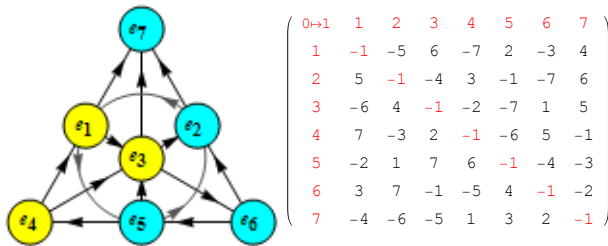
Split=7(1, 2, 3, 7) Not Flipped



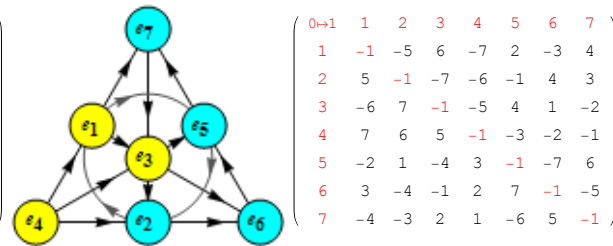
E8h171 Flip ((1, 5, 2), (1, 3, 6), (1, 7, 4), (2, 4, 3), (2, 7, 6), (3, 7, 5), (4, 6, 5))



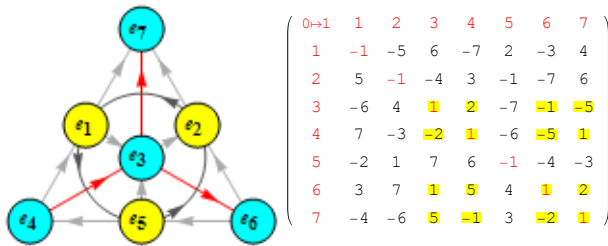
No Flip ((1, 5, 2), (1, 3, 6), (1, 7, 4), (2, 7, 3), (2, 6, 4), (3, 5, 4), (5, 7, 6))



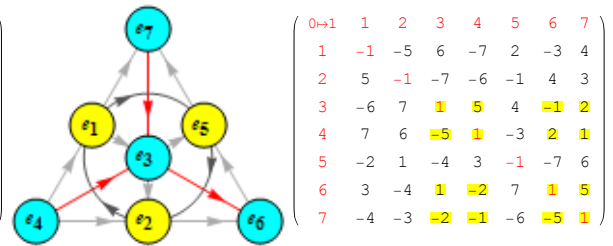
Split=1(3, 4, 6, 7) Flipped



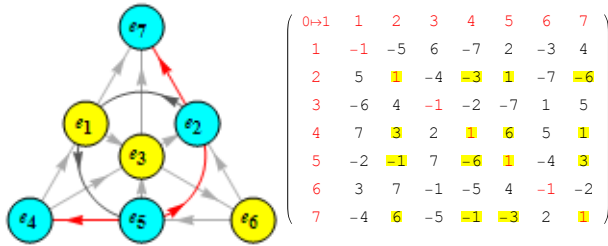
Split=1(3, 4, 6, 7) Not Flipped



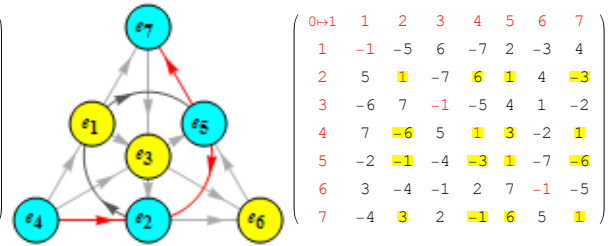
Split=2(2, 4, 5, 7) Flipped



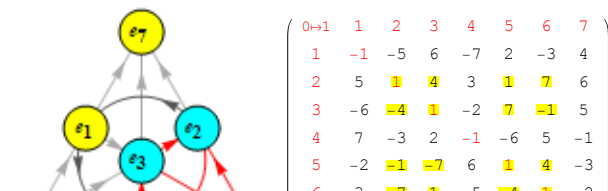
Split=2(2, 4, 5, 7) Not Flipped



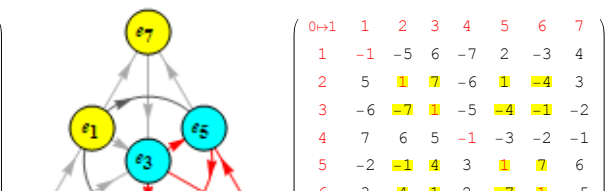
Split=3(2, 3, 5, 6) Flipped



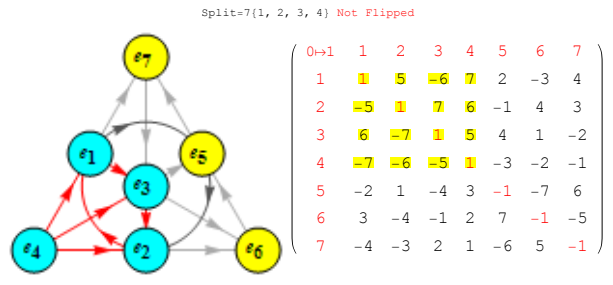
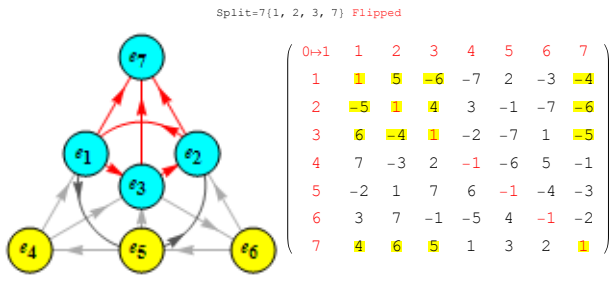
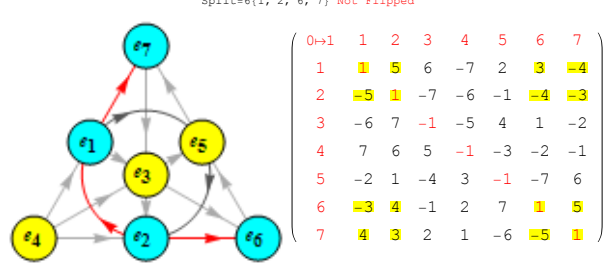
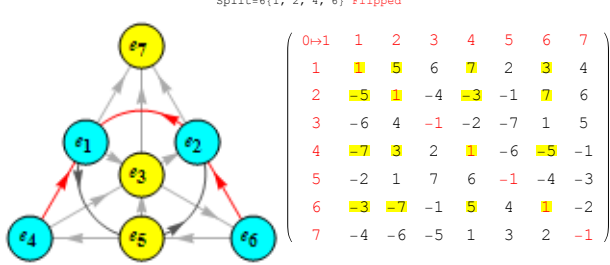
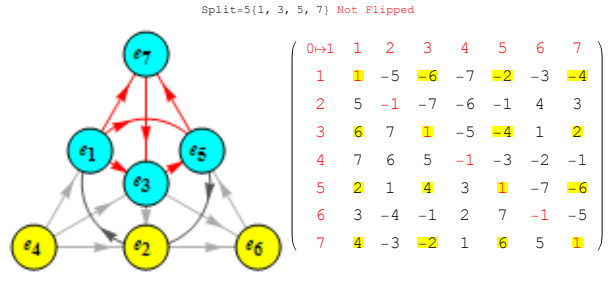
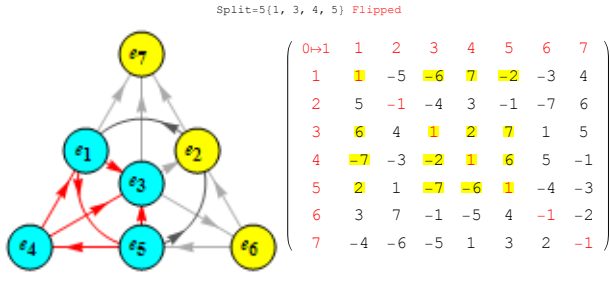
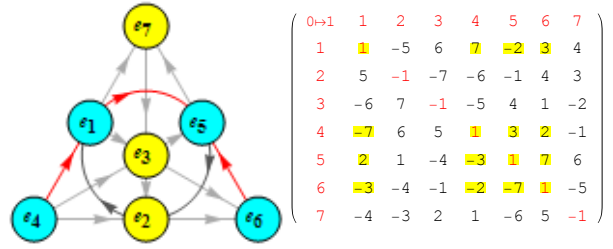
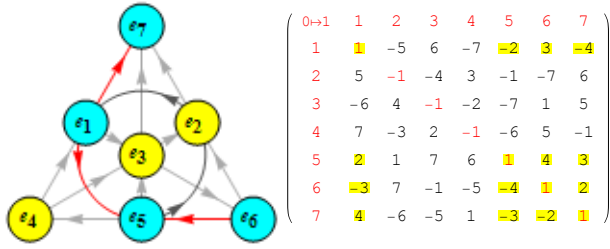
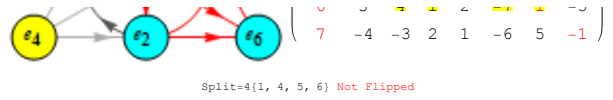
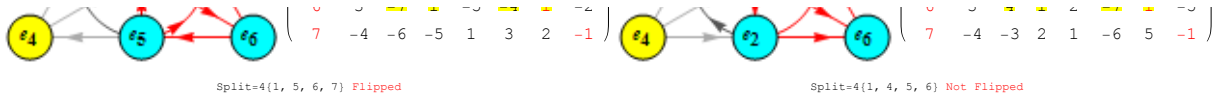
Split=3(2, 3, 5, 6) Not Flipped



Split=3(2, 3, 5, 6) Flipped

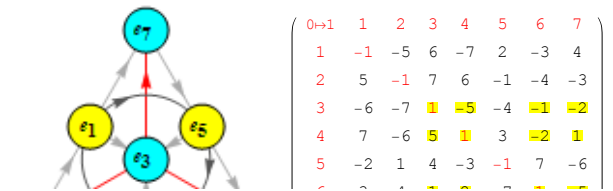
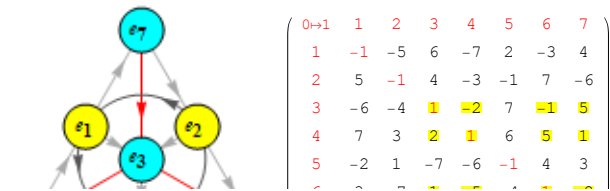
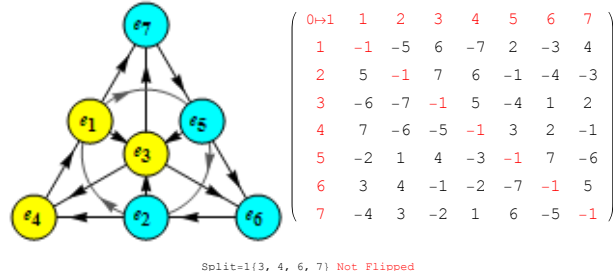
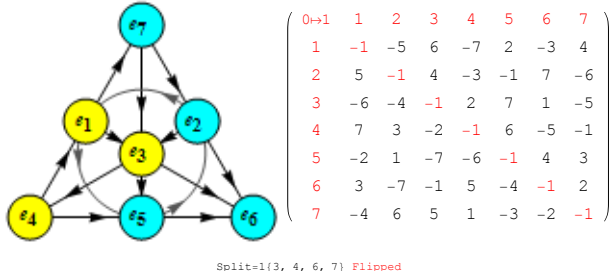


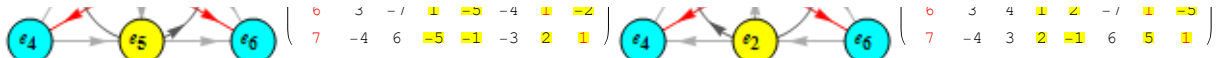
Split=3(2, 3, 5, 6) Not Flipped



EB207 Flip {(1, 5, 2), (1, 3, 6), (1, 7, 4), (2, 3, 4), (2, 6, 7), (3, 5, 7), (4, 5, 6)}

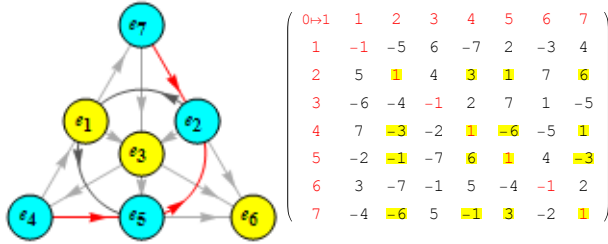
No Flip {(1, 5, 2), (1, 3, 6), (1, 7, 4), (2, 3, 7), (2, 4, 6), (3, 4, 5), (5, 6, 7)}



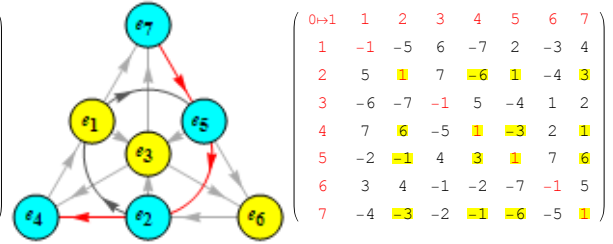


Split=2(2, 4, 5, 7) Flipped

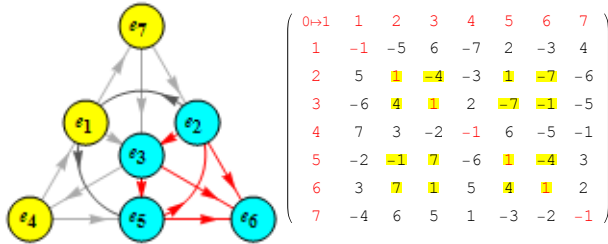
Split=2(2, 4, 5, 7) Not Flipped



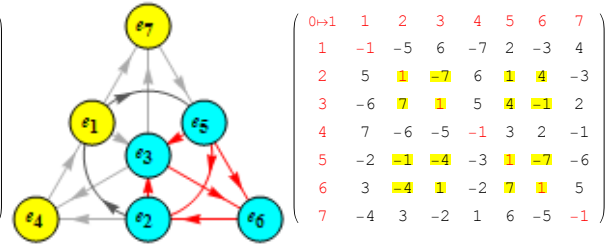
Split=3(2, 3, 5, 6) Flipped



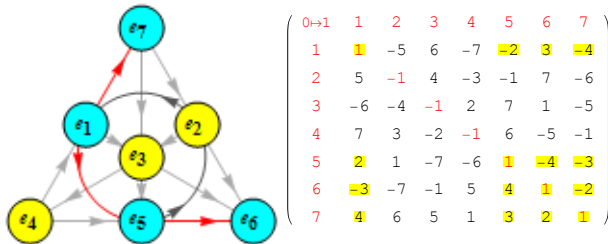
Split=3(2, 3, 5, 6) Not Flipped



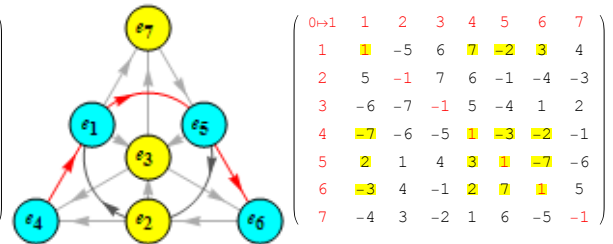
Split=4(1, 5, 6, 7) Flipped



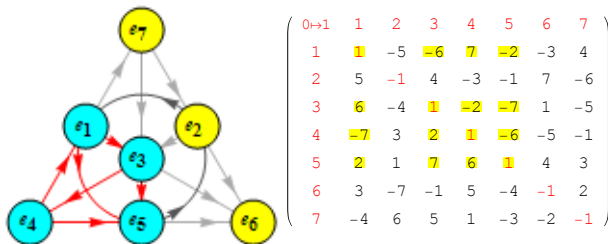
Split=4(1, 4, 5, 6) Not Flipped



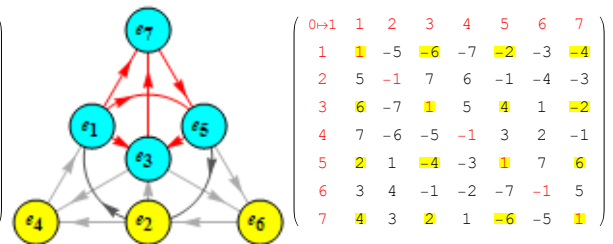
Split=5(1, 3, 4, 5) Flipped



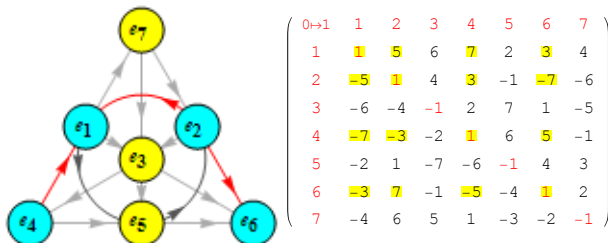
Split=5(1, 3, 5, 7) Not Flipped



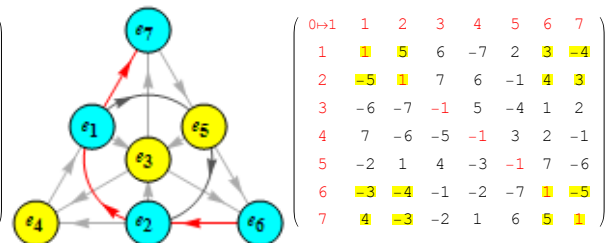
Split=6(1, 2, 4, 6) Flipped



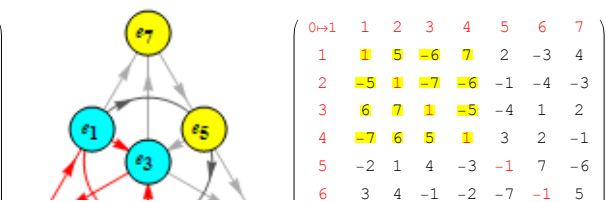
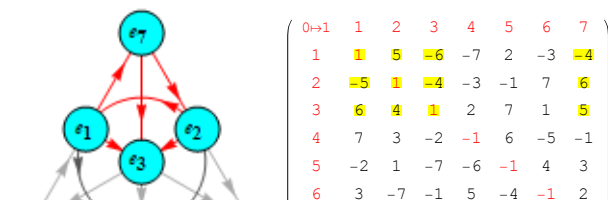
Split=6(1, 2, 6, 7) Not Flipped



Split=7(1, 2, 3, 7) Flipped



Split=7(1, 2, 3, 4) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-5	6	-7	2	-3	4
2	5	1	4	3	1	7	6
3	-6	-4	-1	2	7	1	-5
4	7	-3	-2	1	-6	-5	1
5	-2	-1	-7	6	1	4	-3
6	3	-7	-1	5	-4	-1	2
7	-4	-6	5	-1	3	-2	1

0→1	1	2	3	4	5	6	7
1	-1	-5	6	-7	2	-3	4
2	5	1	7	-6	1	-4	3
3	-6	-7	-1	5	-4	1	2
4	7	6	-5	1	-3	2	1
5	-2	-1	4	3	1	7	6
6	3	4	-1	-2	-7	-1	5
7	-4	-3	-2	-1	-6	-5	1

0→1	1	2	3	4	5	6	7
1	-1	-5	6	-7	2	-3	4
2	5	1	-4	-3	1	-7	-6
3	-6	4	1	2	-7	-1	-5
4	7	3	-2	-1	6	-5	-1
5	-2	-1	7	-6	1	-4	3
6	3	7	1	5	4	1	2
7	-4	6	5	1	-3	-2	-1

0→1	1	2	3	4	5	6	7
1	-1	-5	6	-7	2	-3	4
2	5	1	-7	6	1	4	-3
3	-6	7	1	5	4	-1	2
4	7	-6	-5	-1	3	2	-1
5	-2	-1	-4	-3	1	-7	-6
6	3	-4	1	-2	7	1	5
7	-4	3	-2	1	6	-5	-1

0→1	1	2	3	4	5	6	7
1	1	-5	6	-7	-2	3	-4
2	5	-1	4	-3	-1	7	-6
3	-6	-4	-1	2	7	1	-5
4	7	3	-2	-1	6	-5	-1
5	2	1	-7	-6	1	-4	-3
6	-3	-7	-1	5	4	1	-2
7	4	6	5	1	3	2	1

0→1	1	2	3	4	5	6	7
1	1	-5	6	7	-2	3	4
2	5	-1	7	6	-1	-4	-3
3	-6	-7	-1	5	-4	1	2
4	-7	-6	-5	1	3	-2	-1
5	2	1	4	3	1	-7	-6
6	-3	4	-1	2	7	1	5
7	-4	3	-2	1	6	-5	-1

0→1	1	2	3	4	5	6	7
1	1	-5	-6	7	-2	-3	4
2	5	-1	4	-3	-1	7	-6
3	6	-4	1	-2	-7	1	-5
4	-7	3	2	1	-6	-5	-1
5	2	1	7	6	1	4	3
6	3	-7	-1	5	-4	-1	2
7	-4	6	5	1	-3	-2	-1

0→1	1	2	3	4	5	6	7
1	1	-5	-6	-7	-2	-3	-4
2	5	-1	7	6	-1	-4	-3
3	6	-7	1	5	4	1	-2
4	7	-6	-5	-1	3	2	-1
5	2	1	-4	-3	1	7	6
6	3	4	-1	-2	-7	-1	5
7	4	3	2	1	-6	-5	1

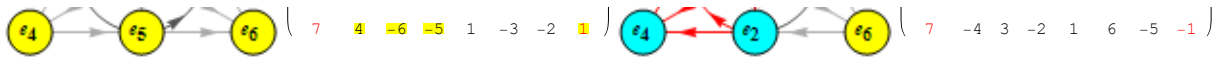
0→1	1	2	3	4	5	6	7
1	1	5	6	7	2	3	4
2	-5	1	4	3	-1	-7	-6
3	-6	-4	-1	2	7	1	-5
4	-7	-3	-2	1	6	5	-1
5	-2	1	-7	-6	-1	4	3
6	-3	7	-1	-5	-4	1	2
7	-4	6	5	1	-3	-2	-1

0→1	1	2	3	4	5	6	7
1	1	5	6	-7	2	3	-4
2	-5	1	7	6	-1	4	3
3	-6	-7	-1	5	-4	1	2
4	7	-6	-5	-1	3	2	-1
5	-2	1	4	-3	-1	7	-6
6	-3	-4	-1	-2	-7	1	5
7	4	-3	-2	1	6	5	1

0→1	1	2	3	4	5	6	7
1	1	5	-6	-7	2	-3	-4
2	-5	1	-4	-3	-1	7	6
3	6	4	1	2	7	1	5
4	7	3	-2	-1	6	-5	-1
5	-2	1	-7	-6	-1	4	3
6	3	-7	-1	5	-4	-1	2

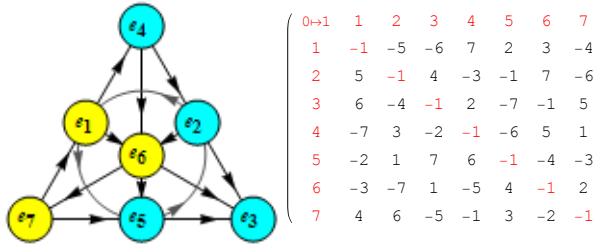
0→1	1	2	3	4	5	6	7
1	1	5	-6	7	2	-3	4
2	-5	1	-7	-6	-1	-4	-3
3	6	7	1	-5	-4	1	2
4	-7	6	5	1	3	2	-1
5	-2	1	4	-3	-1	7	-6
6	3	4	-1	-2	-7	-1	5



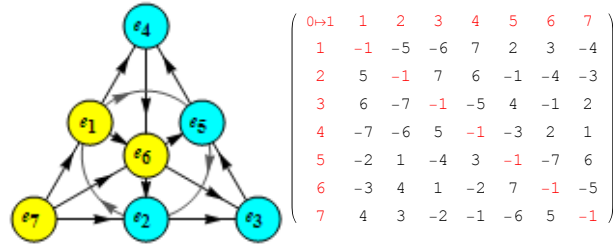


EBm168 Flip  $\{(1, 5, 2), (1, 6, 3), (1, 4, 7), (2, 3, 4), (2, 6, 7), (3, 7, 5), (4, 6, 5)\}$

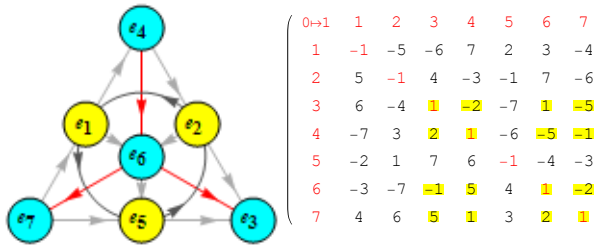
No Flip  $\{(1, 5, 2), (1, 6, 3), (1, 4, 7), (2, 3, 7), (2, 4, 6), (3, 5, 4), (5, 7, 6)\}$



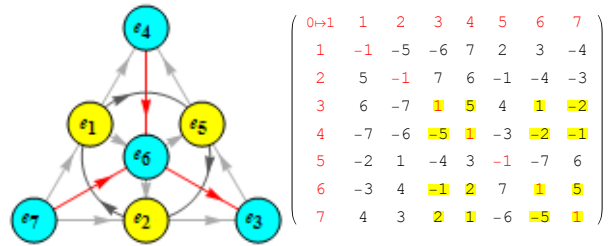
Split=1(3, 4, 6, 7) Flipped



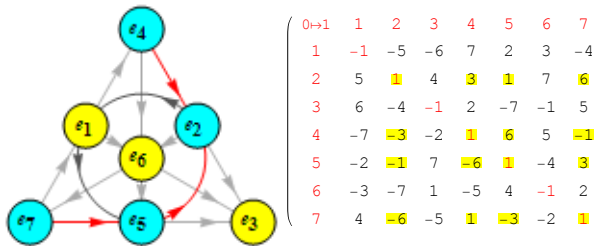
Split=1(3, 4, 6, 7) Not Flipped



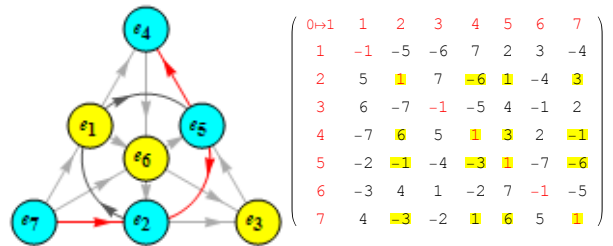
Split=2(2, 4, 5, 7) Flipped



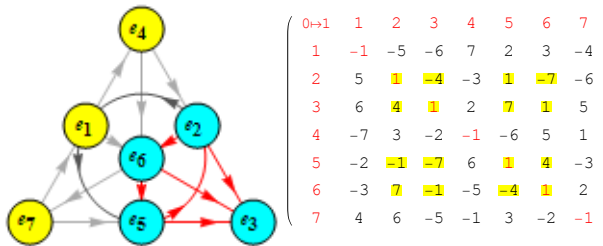
Split=2(2, 4, 5, 7) Not Flipped



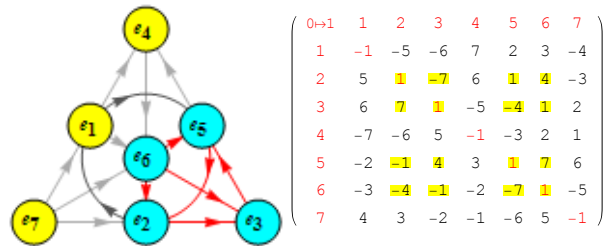
Split=3(2, 3, 5, 6) Flipped



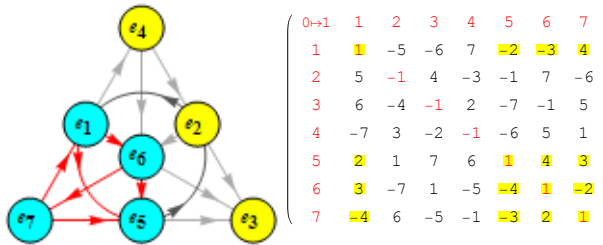
Split=3(2, 3, 5, 6) Not Flipped



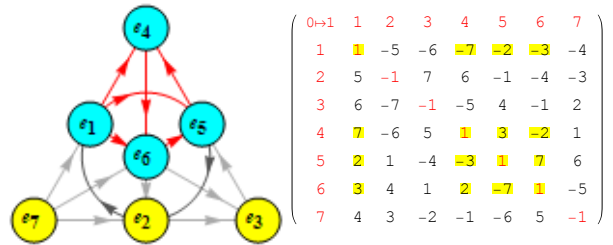
Split=4(1, 5, 6, 7) Flipped



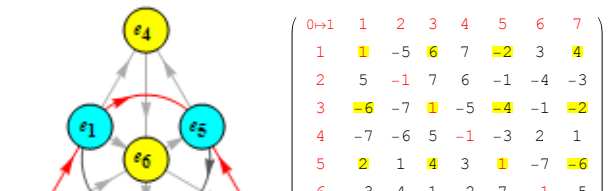
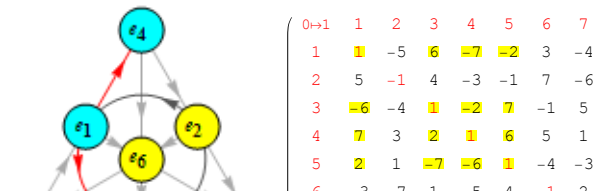
Split=4(1, 5, 6, 7) Not Flipped

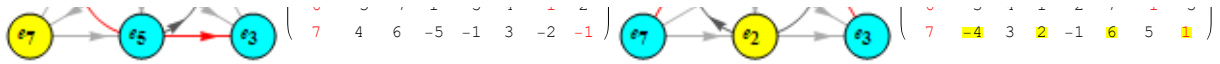


Split=5(1, 3, 4, 5) Flipped



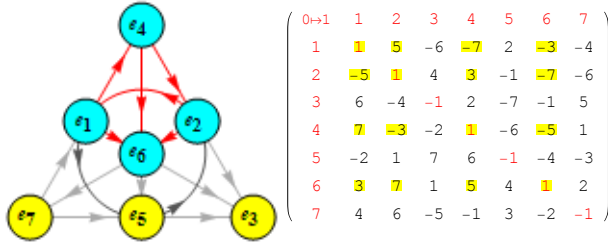
Split=5(1, 3, 4, 5) Not Flipped



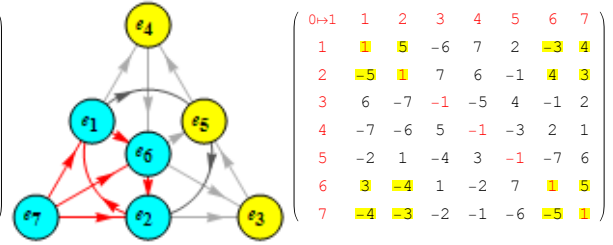


Split=6(1, 2, 4, 6) Flipped

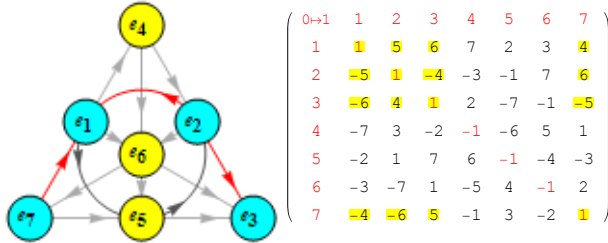
Split=6(1, 2, 6, 7) Not Flipped



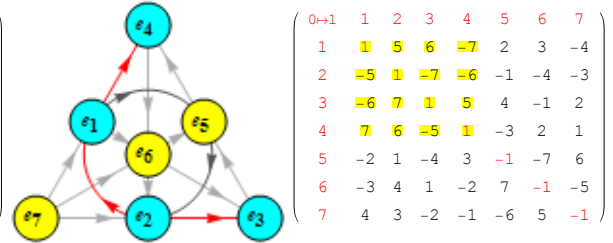
Split=7(1, 2, 3, 7) Flipped



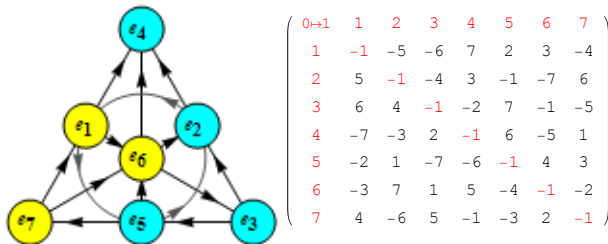
Split=7(1, 2, 3, 4) Not Flipped



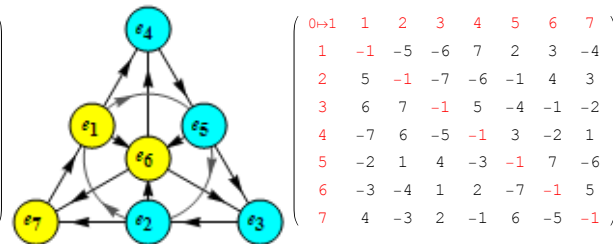
EBH205 Flip ((1, 5, 2), (1, 6, 3), (1, 4, 7), (2, 4, 3), (2, 7, 6), (3, 5, 7), (4, 5, 6))



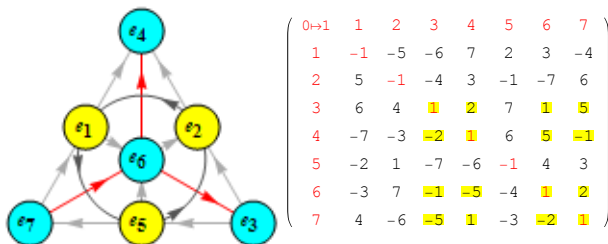
No Flip ((1, 5, 2), (1, 6, 3), (1, 4, 7), (2, 7, 3), (2, 6, 4), (3, 4, 5), (5, 6, 7))



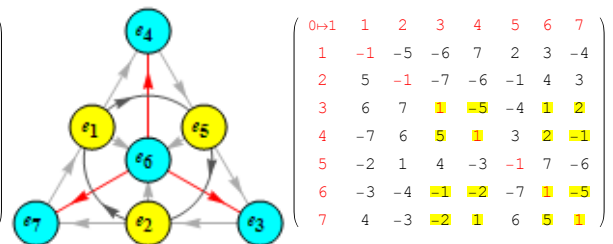
Split=1(3, 4, 6, 7) Flipped



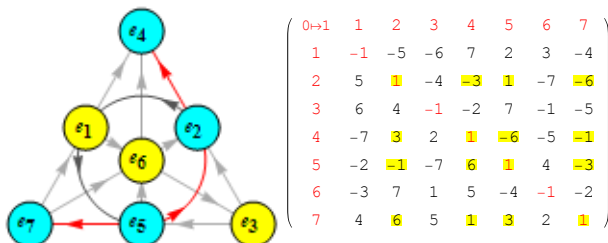
Split=1(3, 4, 6, 7) Not Flipped



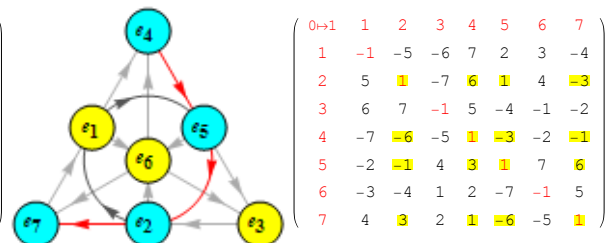
Split=2(2, 4, 5, 7) Flipped



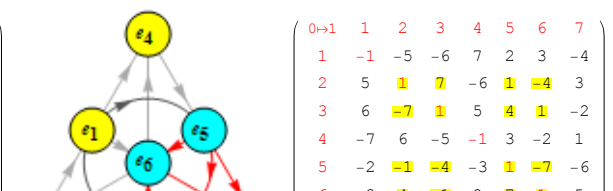
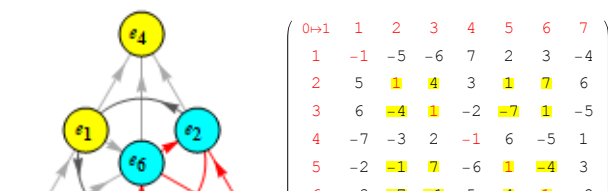
Split=2(2, 4, 5, 7) Not Flipped

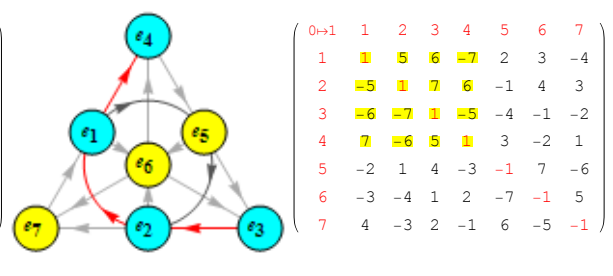
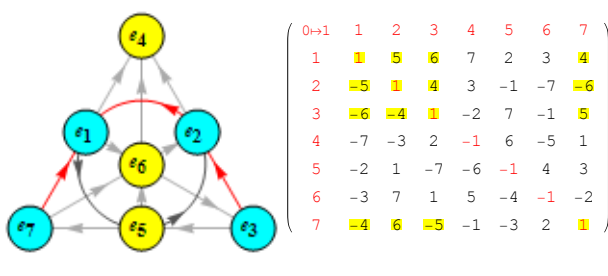
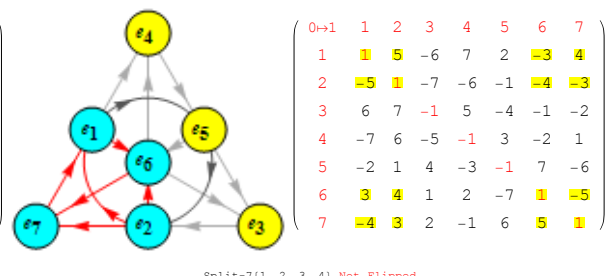
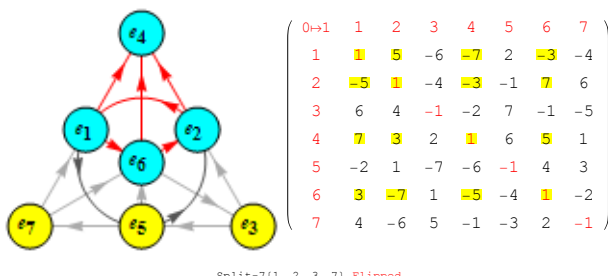
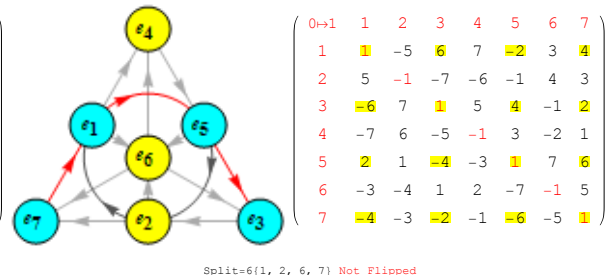
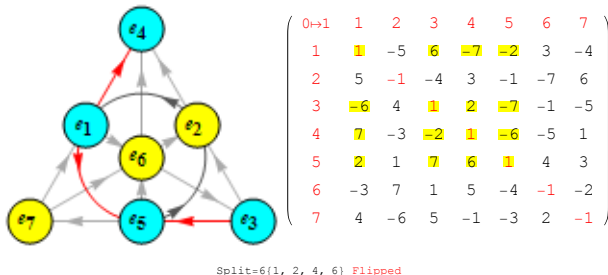
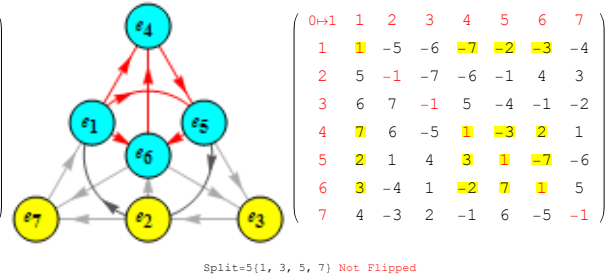
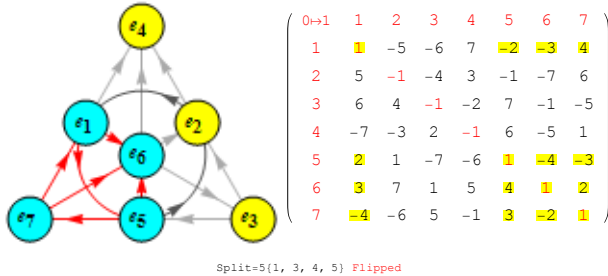
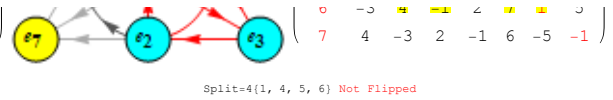
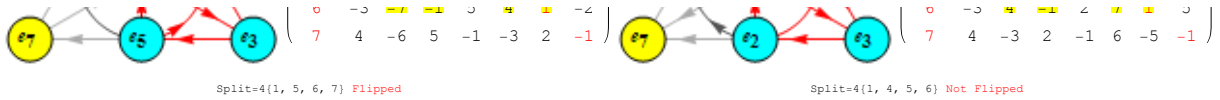


Split=3(2, 3, 5, 6) Flipped



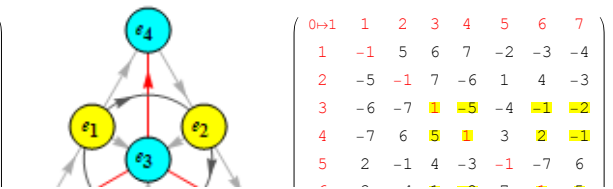
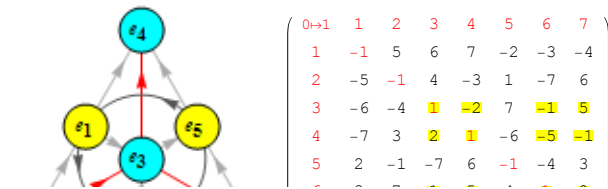
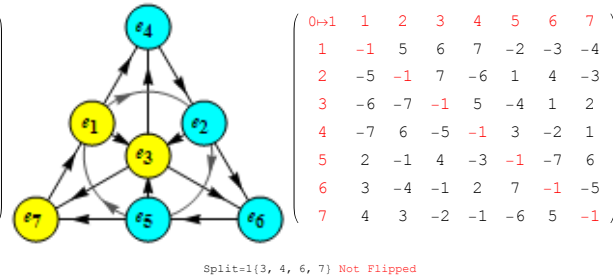
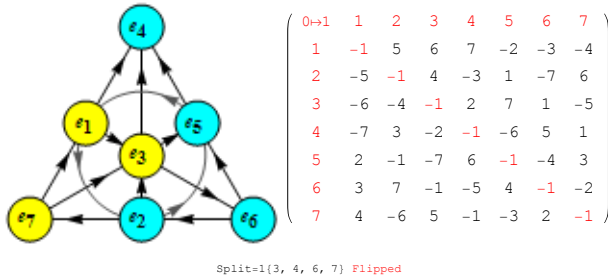
Split=3(2, 3, 5, 6) Not Flipped

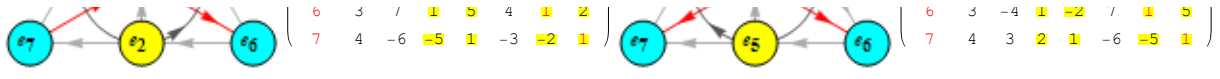




BBH83 Flip {(1, 2, 5), (1, 3, 6), (1, 4, 7), (2, 3, 4), (2, 7, 6), (3, 5, 7), (4, 6, 5)}

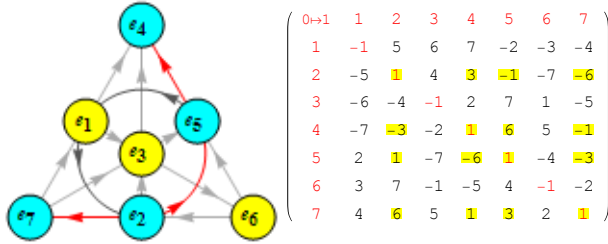
No Flip {(1, 2, 5), (1, 3, 6), (1, 4, 7), (2, 3, 7), (2, 6, 4), (3, 4, 5), (5, 7, 6)}



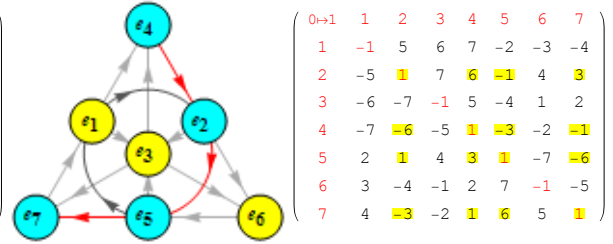


Split=2(2, 4, 5, 7) Flipped

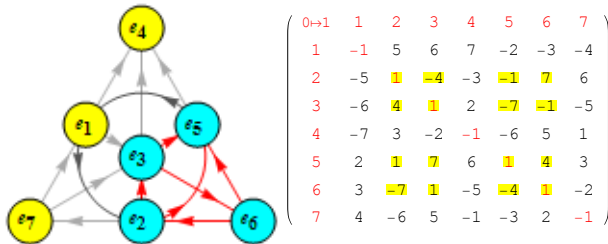
Split=2(2, 4, 5, 7) Not Flipped



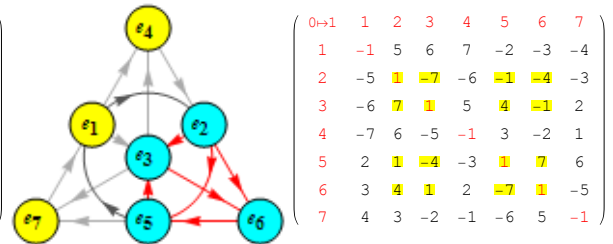
Split=3(2, 3, 5, 6) Flipped



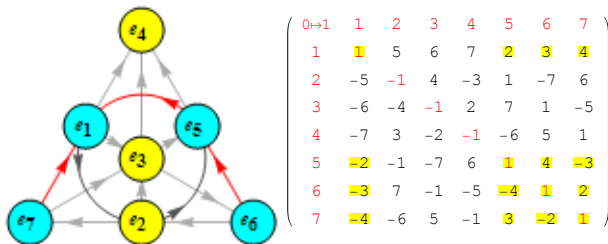
Split=3(2, 3, 5, 6) Not Flipped



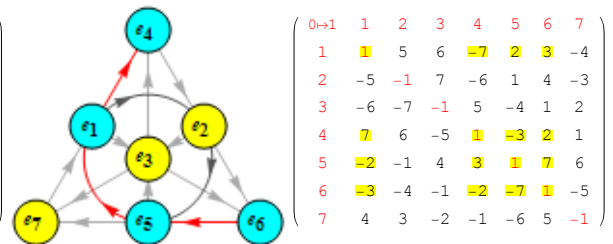
Split=4(1, 5, 6, 7) Flipped



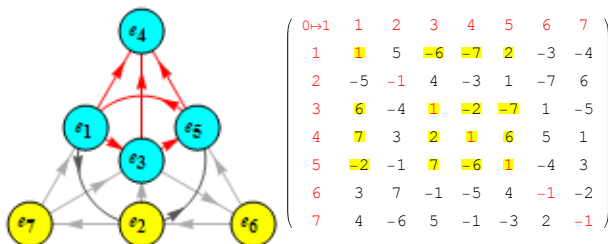
Split=4(1, 4, 5, 6) Not Flipped



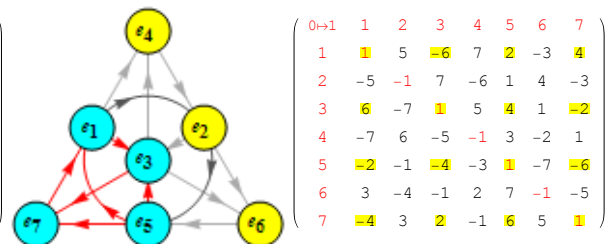
Split=5(1, 3, 4, 5) Flipped



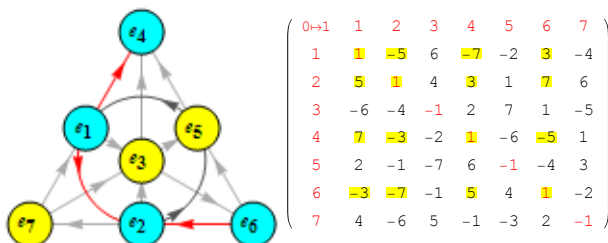
Split=5(1, 3, 5, 7) Not Flipped



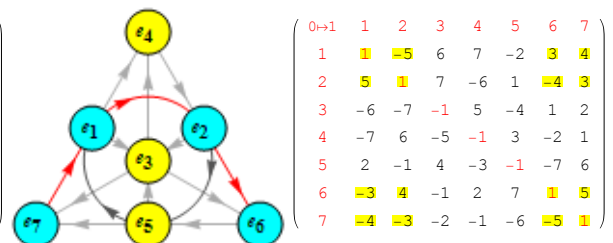
Split=6(1, 2, 4, 6) Flipped



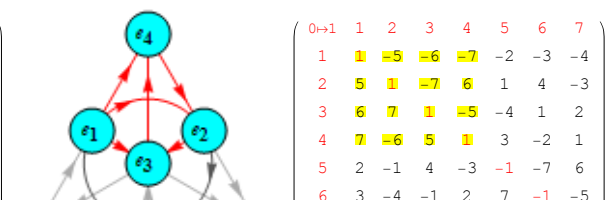
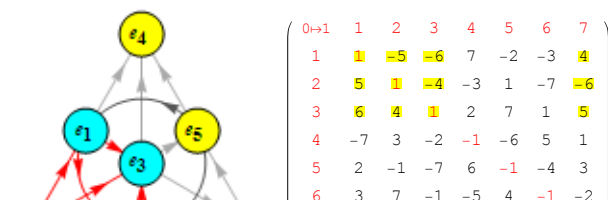
Split=6(1, 2, 6, 7) Not Flipped

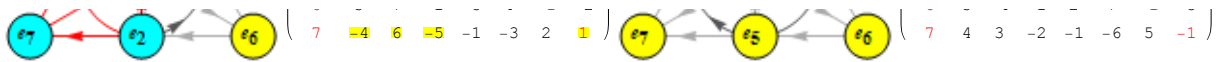


Split=7(1, 2, 3, 7) Flipped



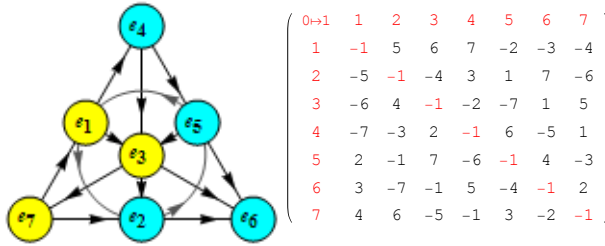
Split=7(1, 2, 3, 4) Not Flipped



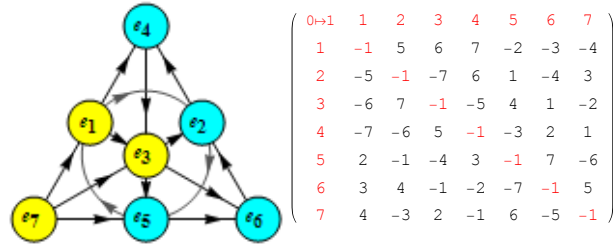


EB8194 Flip  $\{(1, 2, 5), (1, 3, 6), (1, 4, 7), (2, 4, 3), (2, 6, 7), (3, 7, 5), (4, 5, 6)\}$

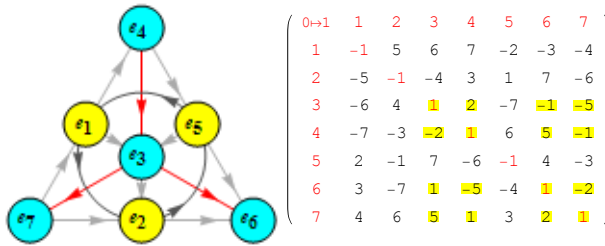
No Flip  $\{(1, 2, 5), (1, 3, 6), (1, 4, 7), (2, 7, 3), (2, 4, 6), (3, 5, 4), (5, 6, 7)\}$



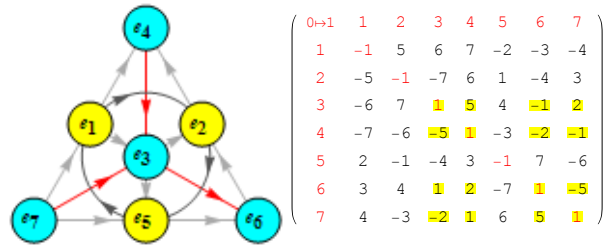
Split=1(3, 4, 6, 7) Flipped



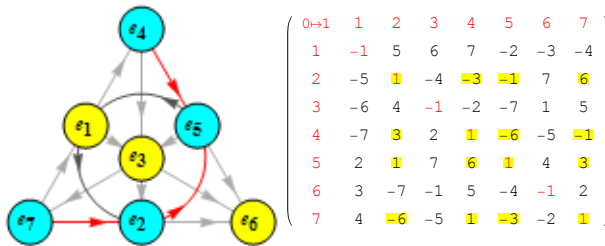
Split=1(3, 4, 6, 7) Not Flipped



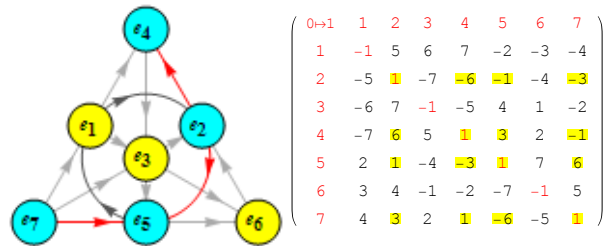
Split=2(2, 4, 5, 7) Flipped



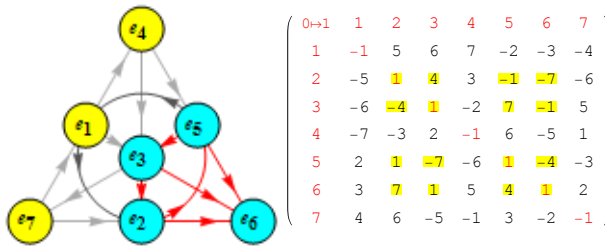
Split=2(2, 4, 5, 7) Not Flipped



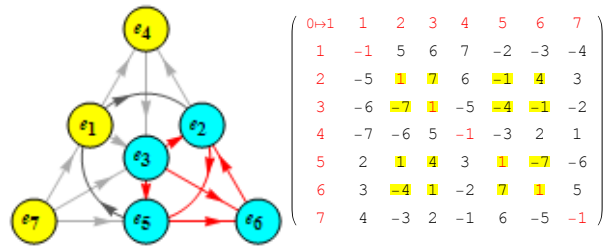
Split=3(2, 3, 5, 6) Flipped



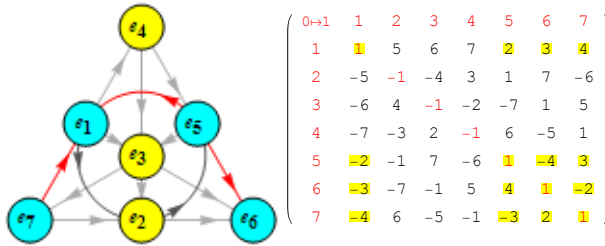
Split=3(2, 3, 5, 6) Not Flipped



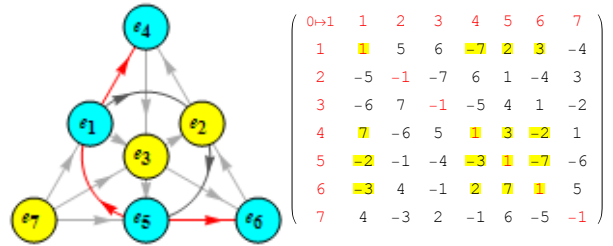
Split=4(1, 5, 6, 7) Flipped



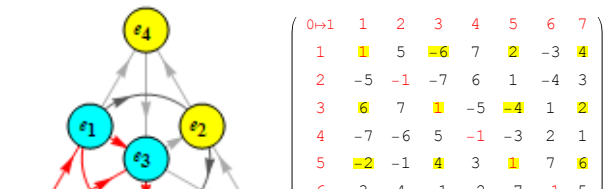
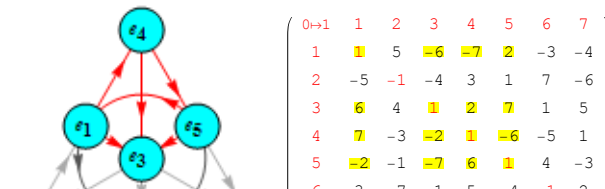
Split=4(1, 5, 6, 7) Not Flipped

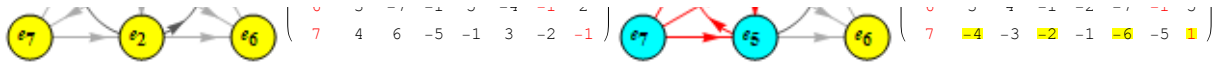


Split=5(1, 3, 4, 5) Flipped



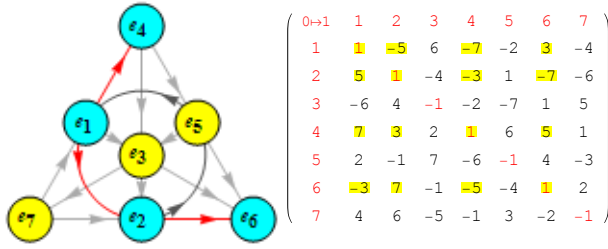
Split=5(1, 3, 5, 7) Not Flipped



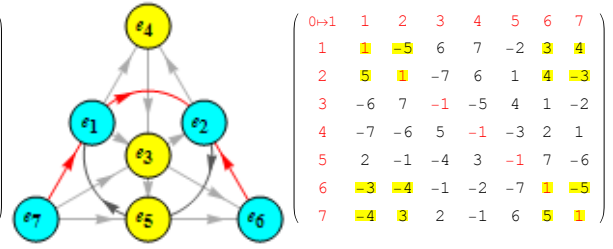


Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 6, 7) Not Flipped



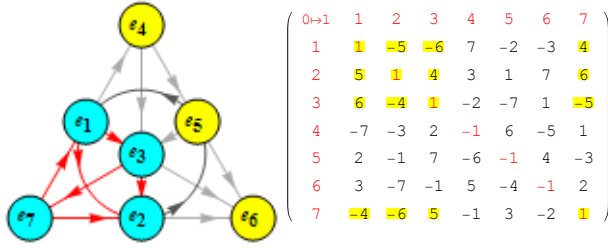
0→1	1	2	3	4	5	6	7
1	1	-5	6	-7	-2	3	-4
2	5	1	-4	-3	1	-7	-6
3	-6	4	-1	-2	-7	1	5
4	7	3	2	1	6	5	1
5	2	-1	7	-6	-1	4	-3
6	-3	7	-1	-5	-4	1	2
7	4	6	-5	-1	3	-2	-1



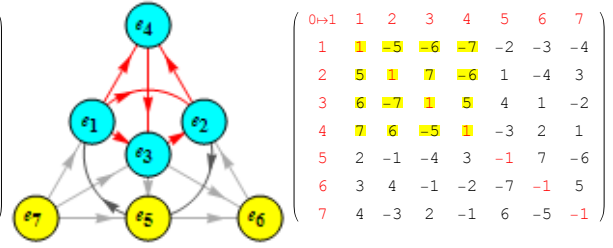
0→1	1	2	3	4	5	6	7
1	1	-5	6	7	-2	3	-4
2	5	1	-7	6	1	4	-3
3	-6	7	-1	-5	4	1	-2
4	-7	-6	5	-1	-3	2	1
5	2	-1	-4	3	-1	7	-6
6	-3	7	-4	-1	-2	-7	1
7	-4	3	2	-1	6	5	1

Split=7(1, 2, 3, 7) Flipped

Split=7(1, 2, 3, 4) Not Flipped



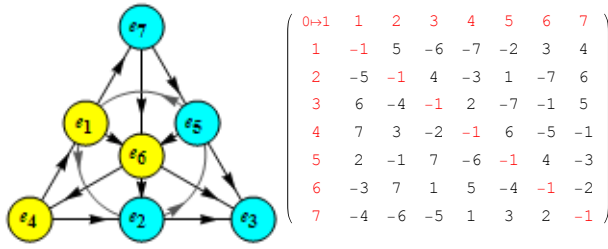
0→1	1	2	3	4	5	6	7
1	1	-5	-6	7	-2	-3	4
2	5	1	4	3	1	7	6
3	6	-4	1	-2	-7	1	-5
4	-7	-3	2	-1	6	-5	1
5	2	-1	7	-6	-1	4	-3
6	3	-7	-1	5	-4	-1	2
7	-4	-6	5	-1	3	-2	1



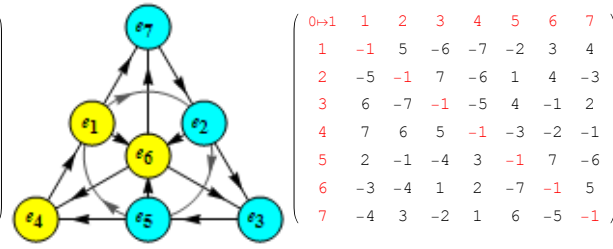
0→1	1	2	3	4	5	6	7
1	1	-5	-6	-7	-2	-3	-4
2	5	1	7	-6	1	-4	3
3	6	-7	1	5	4	1	-2
4	7	6	-5	1	-3	2	1
5	2	-1	-4	3	-1	7	-6
6	3	4	-1	-2	-7	-1	5
7	4	-3	2	-1	6	-5	-1

EBH51 Flip {(1, 2, 5), (1, 6, 3), (1, 7, 4), (2, 3, 4), (2, 7, 6), (3, 7, 5), (4, 5, 6)}

No Flip {(1, 2, 5), (1, 6, 3), (1, 7, 4), (2, 3, 7), (2, 6, 4), (3, 5, 4), (5, 6, 7)}



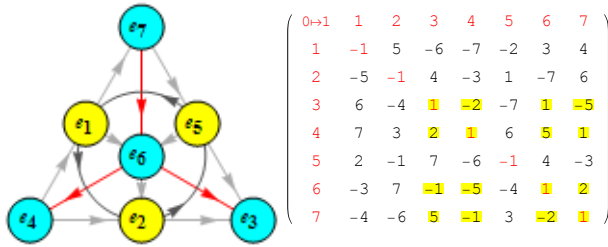
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	-1	4	-3	1	-7	6
3	6	-4	-1	2	-7	-1	5
4	7	3	-2	-1	6	-5	-1
5	2	-1	7	-6	-1	4	-3
6	-3	7	1	5	-4	-1	-2
7	-4	-6	-5	1	3	2	-1



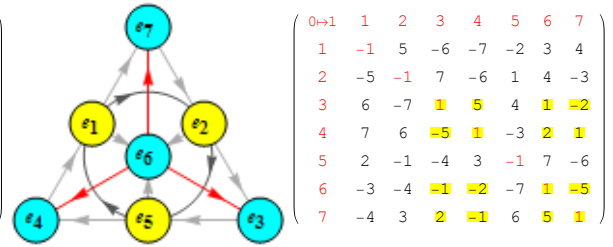
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	-1	7	-6	1	4	-3
3	6	-7	-1	-5	4	-1	2
4	7	6	5	-1	-3	-2	-1
5	2	-1	-4	3	-1	7	-6
6	-3	-4	1	2	-7	-1	5
7	-4	3	-2	1	6	-5	-1

Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



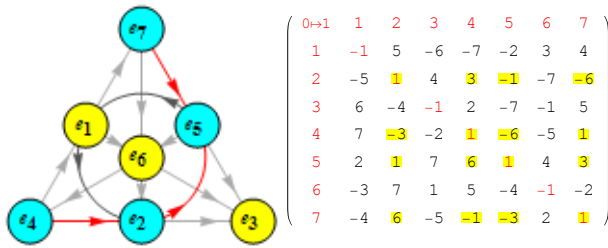
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	-1	4	-3	1	-7	6
3	6	-4	1	-2	-7	1	-5
4	7	3	2	1	6	5	1
5	2	-1	7	-6	-1	4	-3
6	-3	7	-1	-5	-4	1	2
7	-4	-6	5	-1	3	-2	1



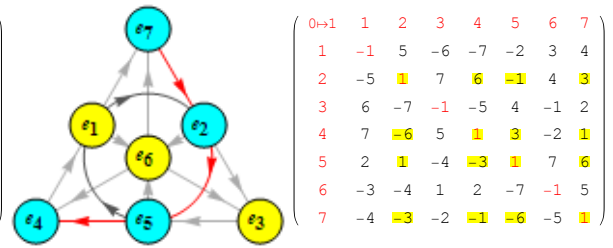
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	-1	7	-6	1	4	-3
3	6	-7	1	5	4	1	-2
4	7	6	-5	1	-3	2	1
5	2	-1	-4	3	-1	7	-6
6	-3	-4	-1	-2	-7	1	-5
7	-4	3	2	-1	6	5	1

Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



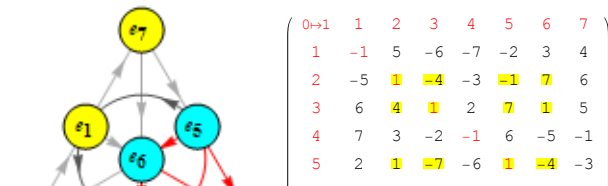
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	1	4	3	-1	-7	-6
3	6	-4	-1	2	-7	-1	5
4	7	-3	-2	1	-6	-5	1
5	2	1	7	6	1	4	3
6	-3	7	1	5	-4	-1	-2
7	-4	6	-5	-1	-3	2	1



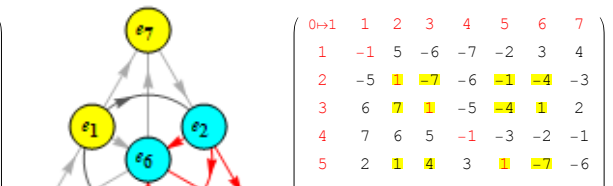
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	1	7	6	-1	4	3
3	6	-7	-1	-5	4	-1	2
4	7	-6	5	1	3	-2	1
5	2	1	-4	-3	1	7	6
6	-3	-4	1	2	-7	-1	5
7	-4	-3	-2	-1	-6	-5	1

Split=3(2, 3, 5, 6) Flipped

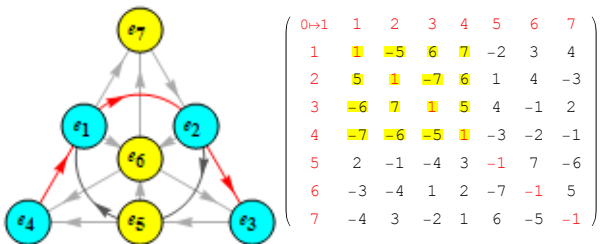
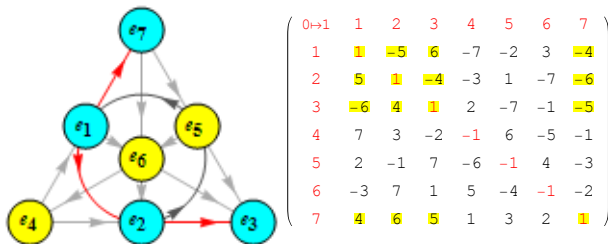
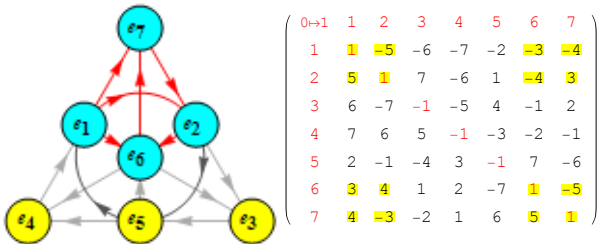
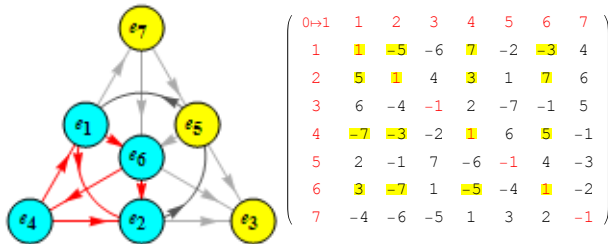
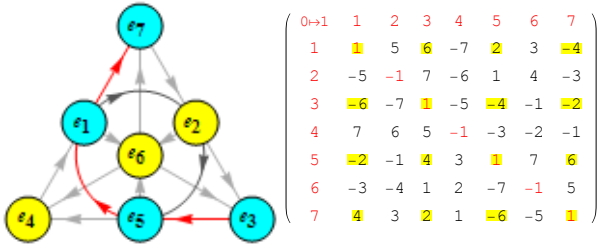
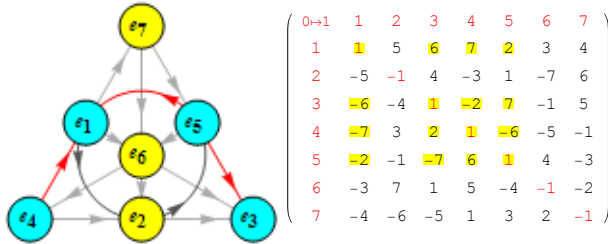
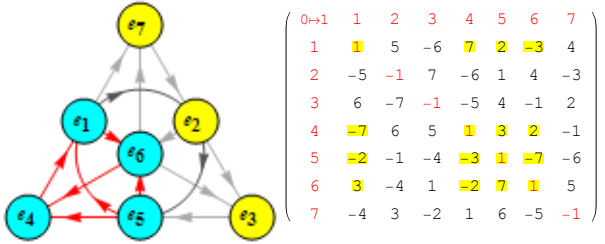
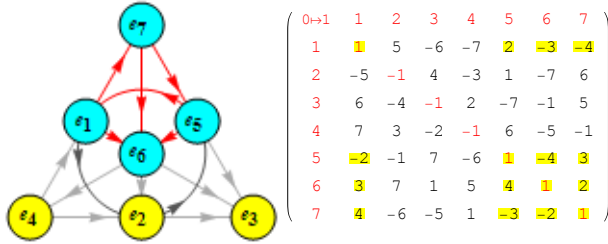
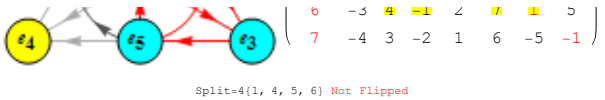
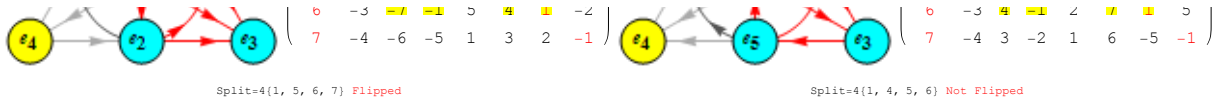
Split=3(2, 3, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	1	-4	-3	-1	7	6
3	6	4	1	2	7	1	5
4	7	3	-2	-1	6	-5	-1
5	2	1	-7	-6	1	-4	-3
6	-3	-4	-1	-2	-7	1	5
7	-4	-6	-5	-1	-3	2	1

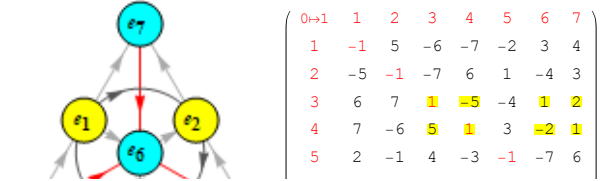
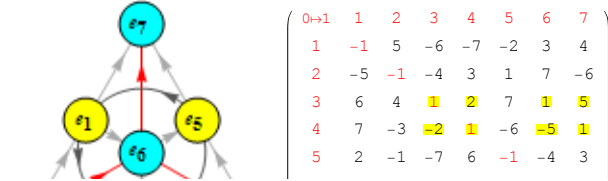
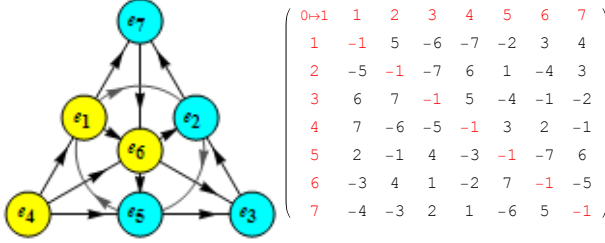
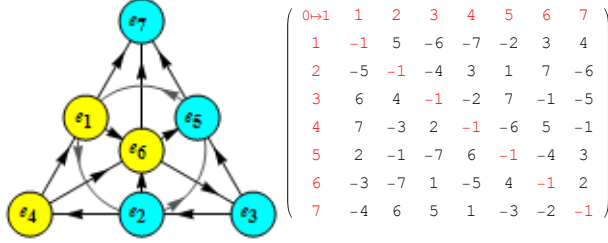


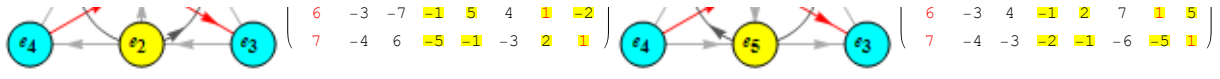
0→1	1	2	3	4	5	6	7
1	-1	5	-6	-7	-2	3	4
2	-5	1	-7	-6	-1	-4	-3
3	6	7	1	-5	-4	1	2
4	7	6	5	-1	-3	-2	-1
5	2	1	4	3	1	-7	-6
6	-3	-4	-1	-2	-7	1	5
7	-4	-6	-5	-1	-3	2	1



EBH166 Flip {(1, 2, 5), (1, 6, 3), (1, 7, 4), (2, 4, 3), (2, 6, 7), (3, 5, 7), (4, 6, 5)}

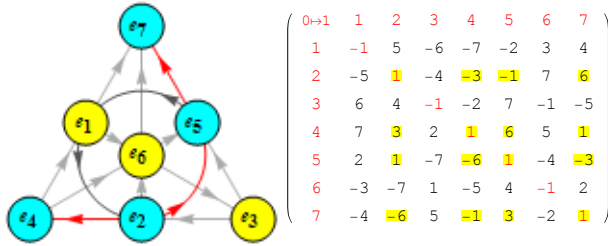
No Flip {(1, 2, 5), (1, 6, 3), (1, 7, 4), (2, 7, 3), (2, 4, 6), (3, 4, 5), (5, 7, 6)}





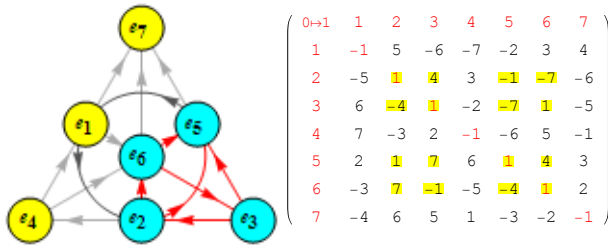
Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



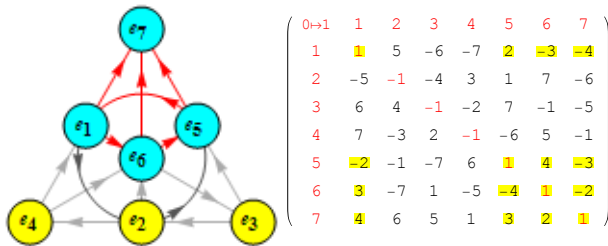
Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



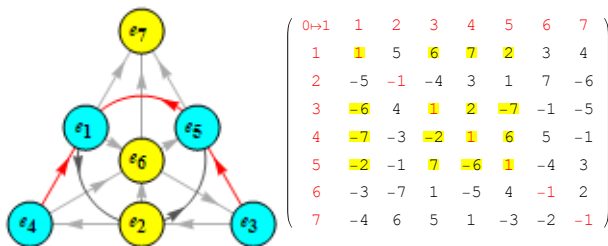
Split=4(1, 5, 6, 7) Flipped

Split=4(1, 4, 5, 6) Not Flipped



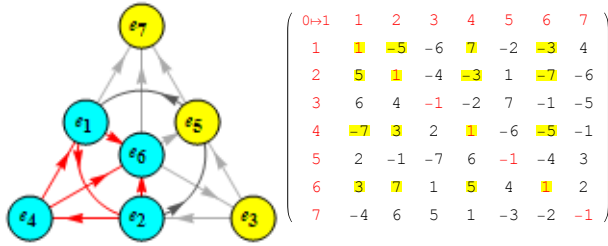
Split=5(1, 3, 4, 5) Flipped

Split=5(1, 3, 5, 7) Not Flipped



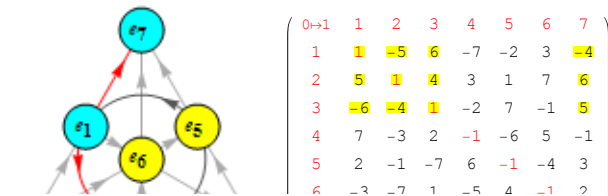
Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 6, 7) Not Flipped



Split=7(1, 2, 3, 7) Flipped

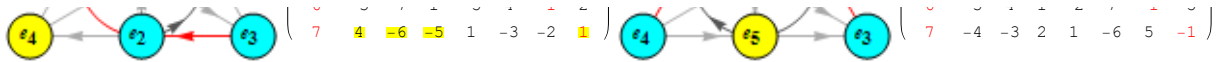
Split=7(1, 2, 3, 4) Not Flipped



Split=7(1, 2, 3, 4) Flipped

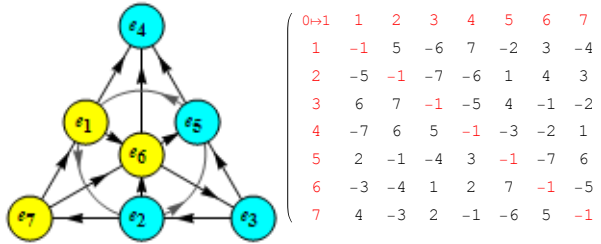
Split=7(1, 2, 3, 4) Not Flipped



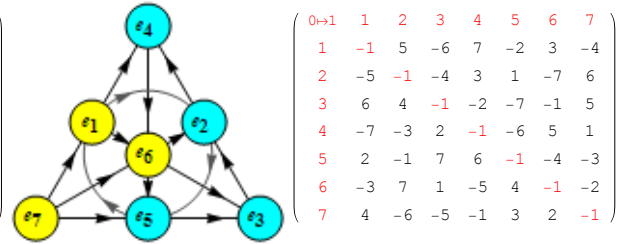


ES=50 Flip  $\{(1, 2, 5), (1, 6, 3), (1, 4, 7), (2, 7, 3), (2, 6, 4), (3, 5, 4), (5, 7, 6)\}$

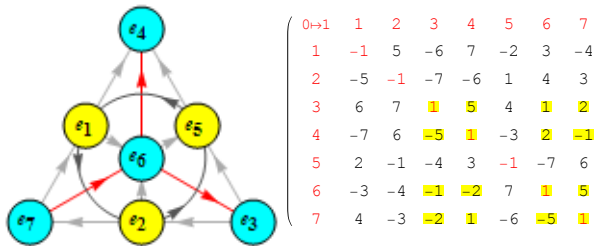
No Flip  $\{(1, 2, 5), (1, 6, 3), (1, 4, 7), (2, 4, 3), (2, 7, 6), (3, 7, 5), (4, 6, 5)\}$



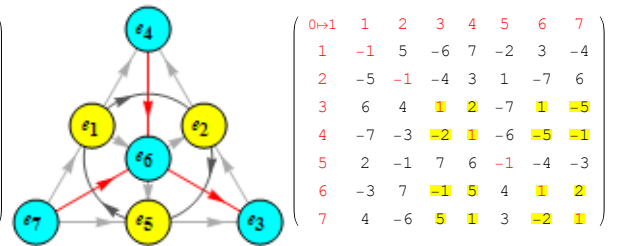
Split=1(3, 4, 6, 7) Flipped



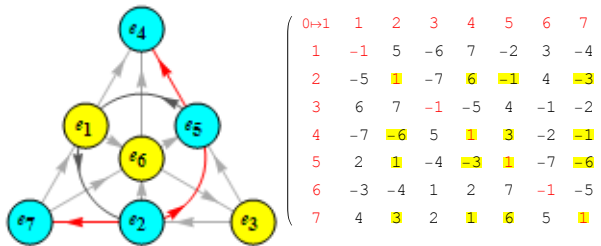
Split=1(3, 4, 6, 7) Not Flipped



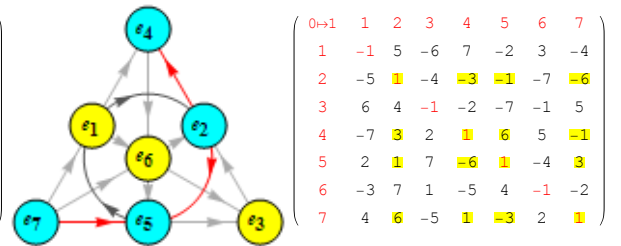
Split=2(2, 4, 5, 7) Flipped



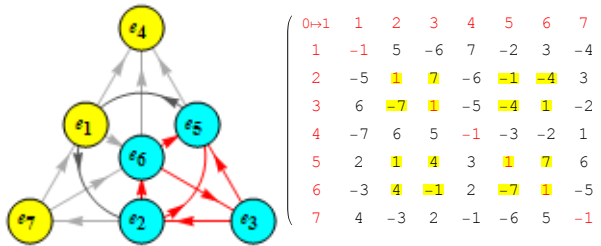
Split=2(2, 4, 5, 7) Not Flipped



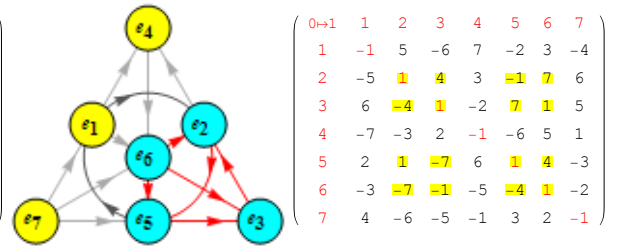
Split=3(2, 3, 5, 6) Flipped



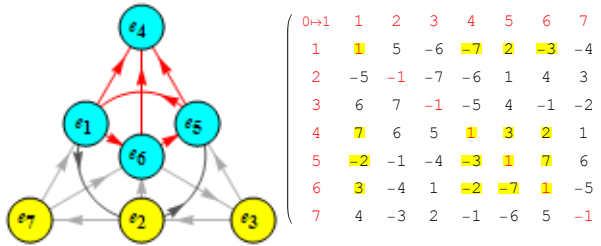
Split=3(2, 3, 5, 6) Not Flipped



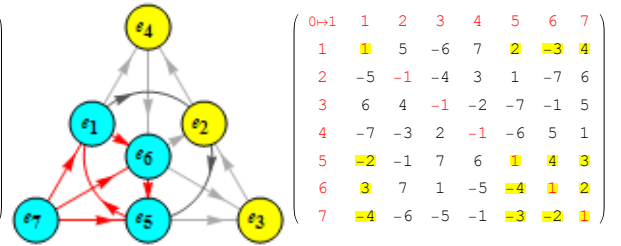
Split=4(1, 4, 5, 6) Flipped



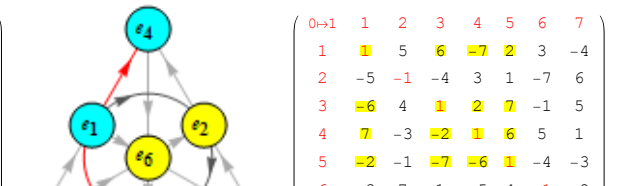
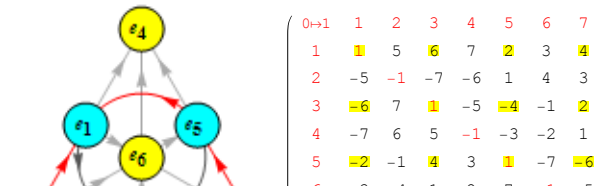
Split=4(1, 4, 5, 6) Not Flipped

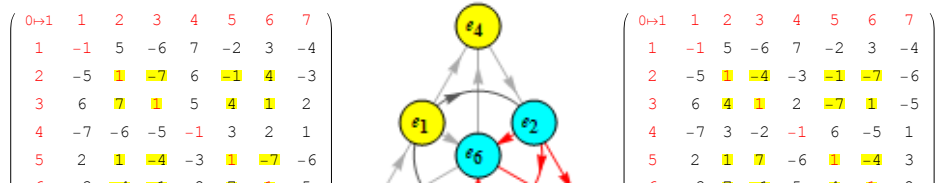
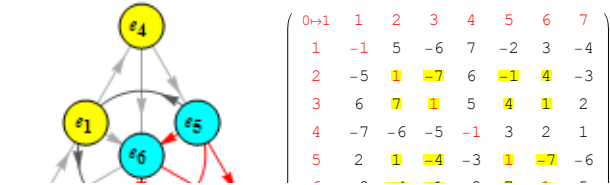
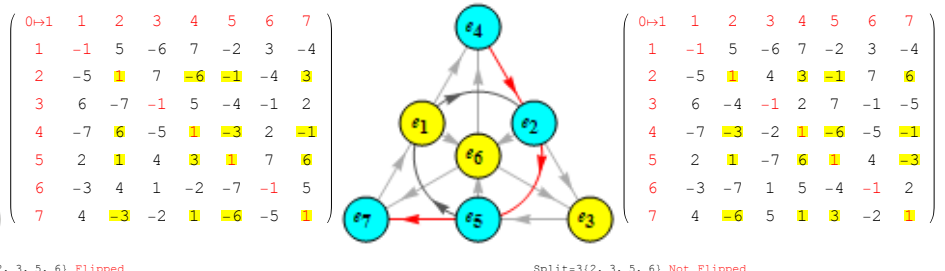
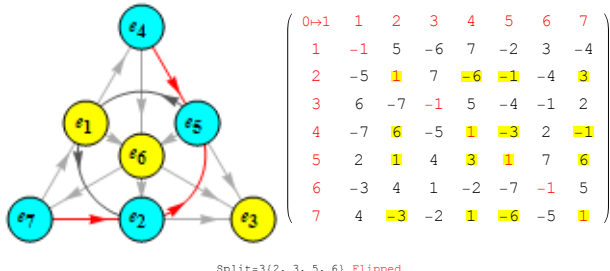
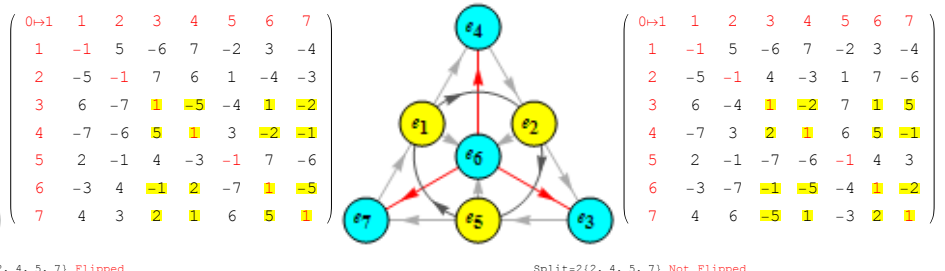
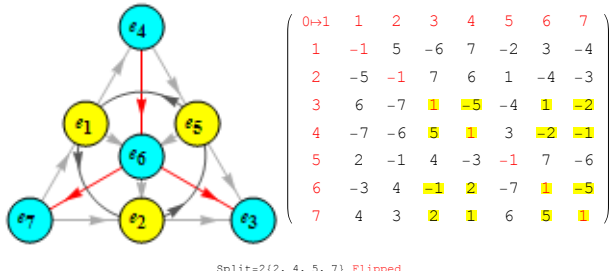
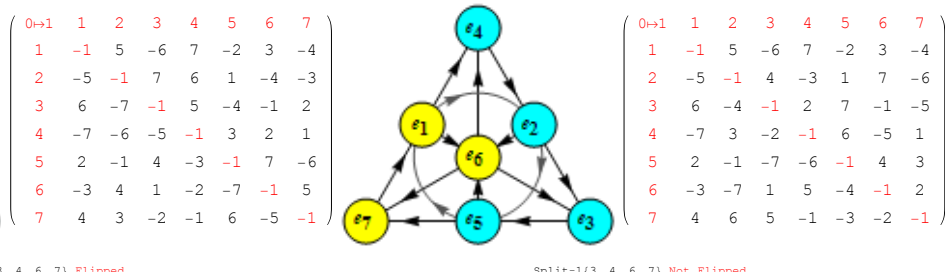
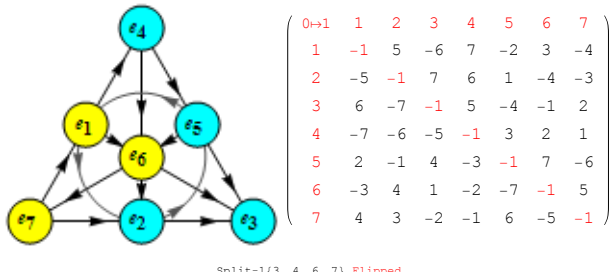
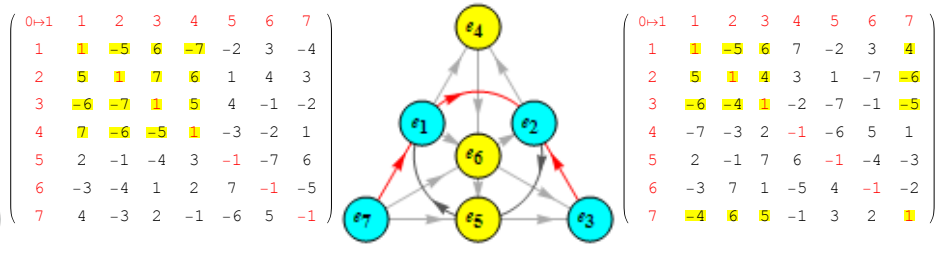
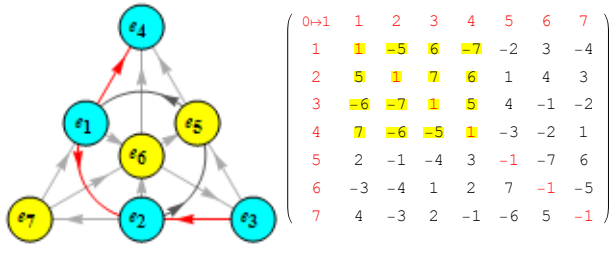
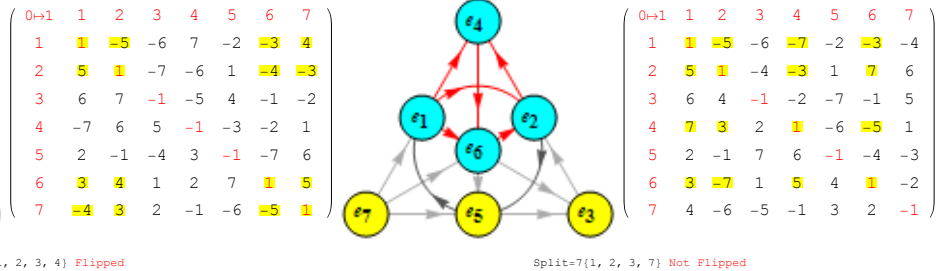
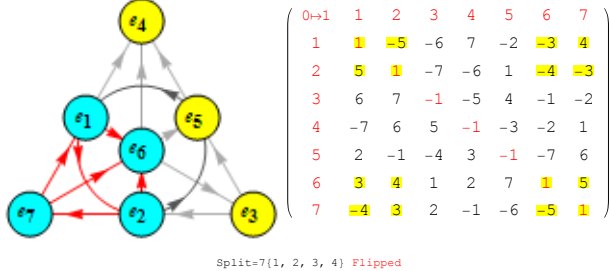
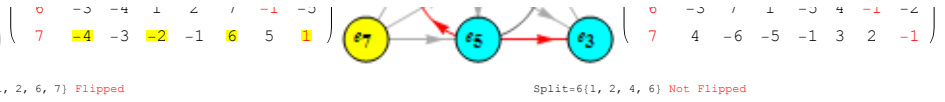
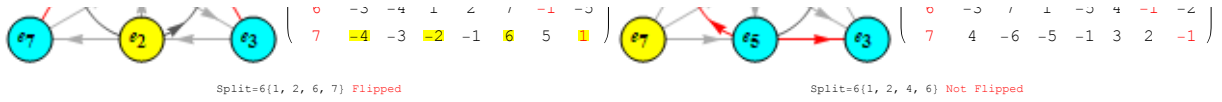


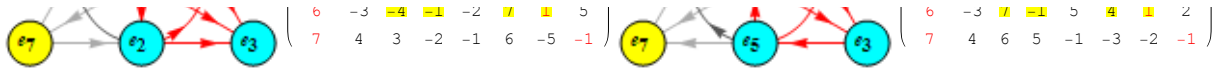
Split=5(1, 3, 5, 7) Flipped



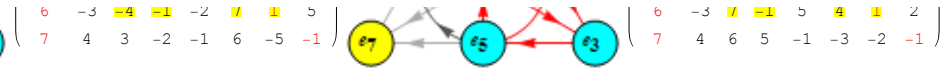
Split=5(1, 3, 5, 7) Not Flipped



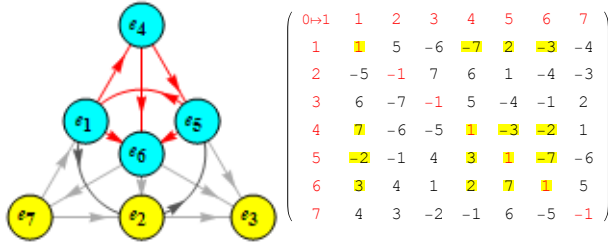




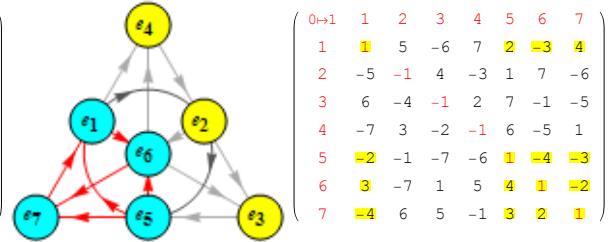
Split=4(1, 4, 5, 6) Flipped



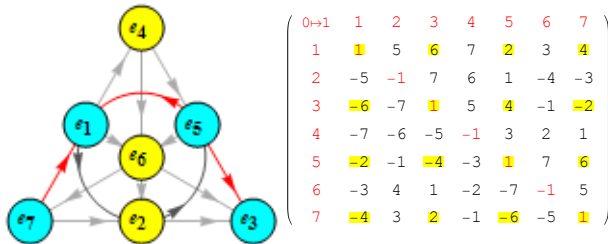
Split=4(1, 5, 6, 7) Not Flipped



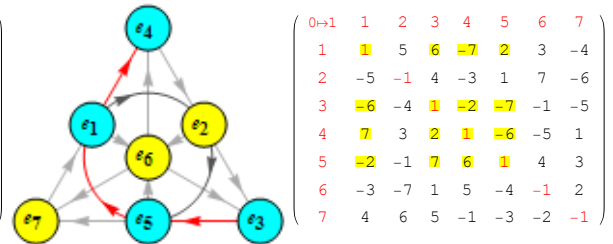
Split=5(1, 3, 5, 7) Flipped



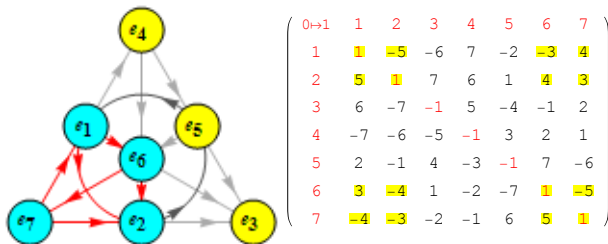
Split=5(1, 3, 4, 5) Not Flipped



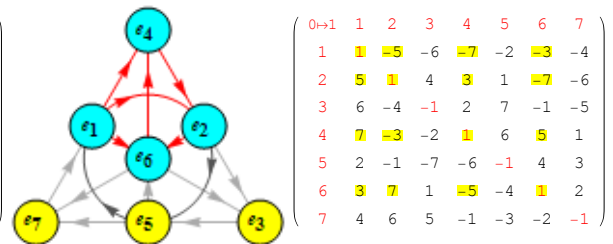
Split=6(1, 2, 6, 7) Flipped



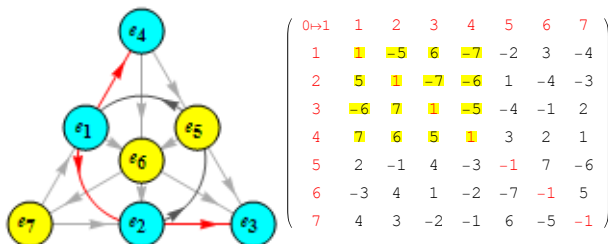
Split=6(1, 2, 4, 6) Not Flipped



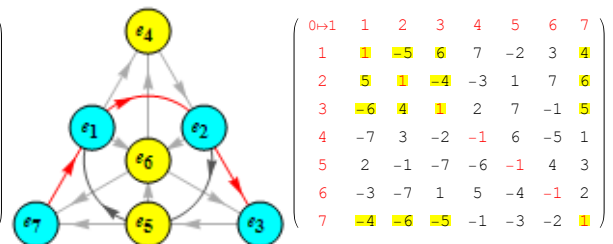
Split=7(1, 2, 3, 4) Flipped



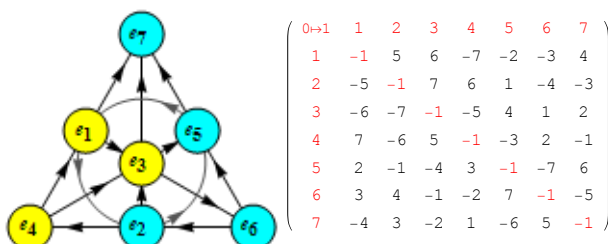
Split=7(1, 2, 3, 7) Not Flipped



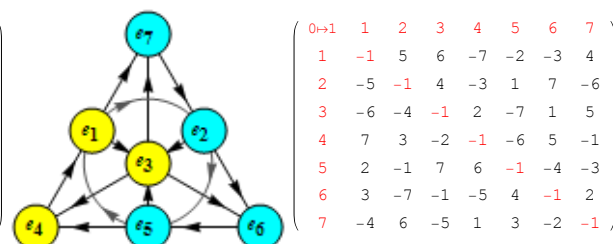
EBn52 Flip {(1, 2, 5), (1, 3, 6), (1, 7, 4), (2, 3, 7), (2, 4, 6), (3, 5, 4), (5, 7, 6)}



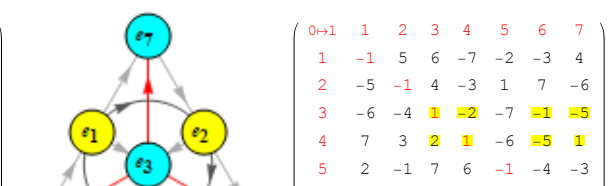
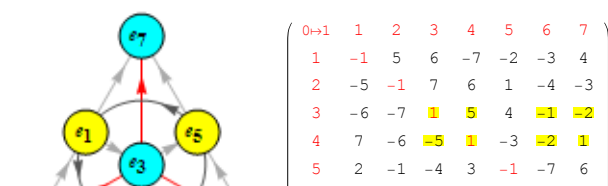
No Flip {(1, 2, 5), (1, 3, 6), (1, 7, 4), (2, 3, 4), (2, 6, 7), (3, 7, 5), (4, 6, 5)}

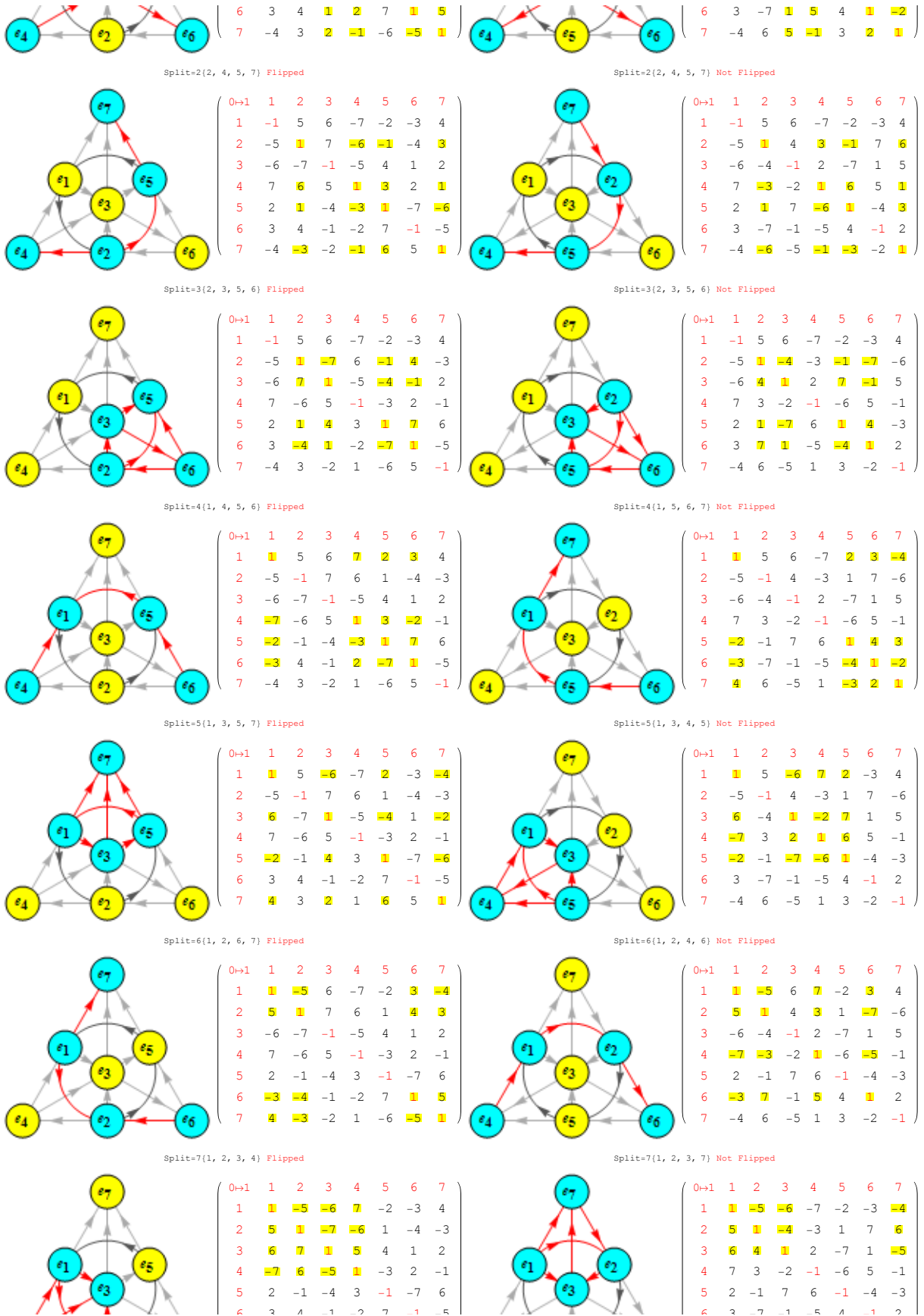


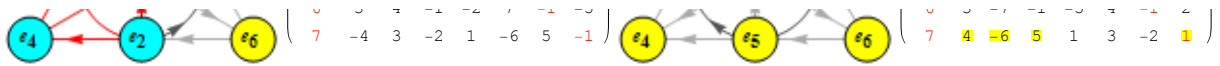
Split=1(3, 4, 6, 7) Flipped



Split=1(3, 4, 6, 7) Not Flipped

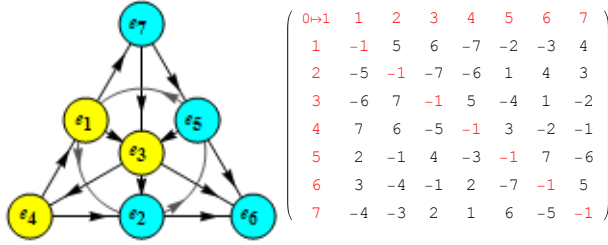




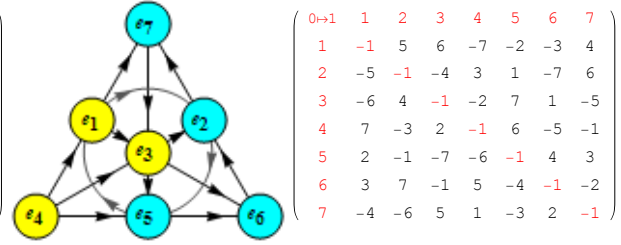


ESB89 Flip {(1, 2, 5), (1, 3, 6), (1, 7, 4), (2, 7, 3), (2, 6, 4), (3, 4, 5), (5, 6, 7)}

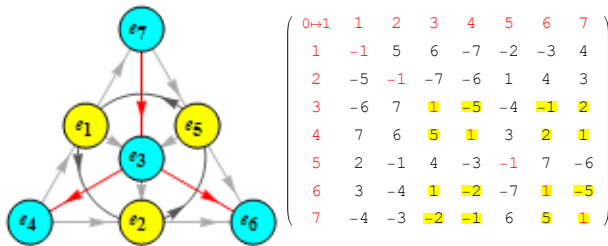
No Flip {(1, 2, 5), (1, 3, 6), (1, 7, 4), (2, 4, 3), (2, 7, 6), (3, 5, 7), (4, 5, 6)}



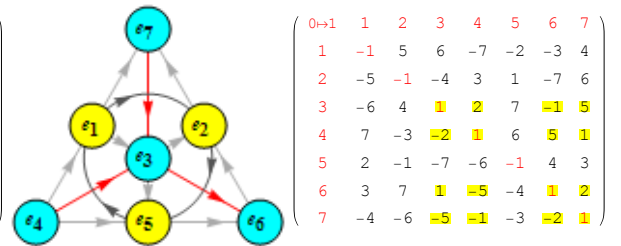
Split=1(3, 4, 6, 7) Flipped



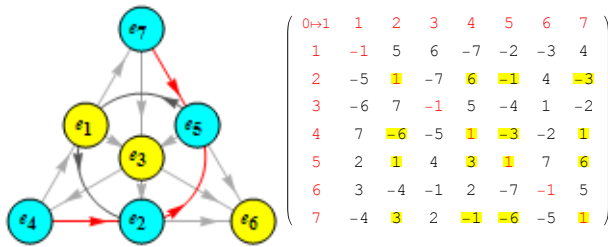
Split=1(3, 4, 6, 7) Not Flipped



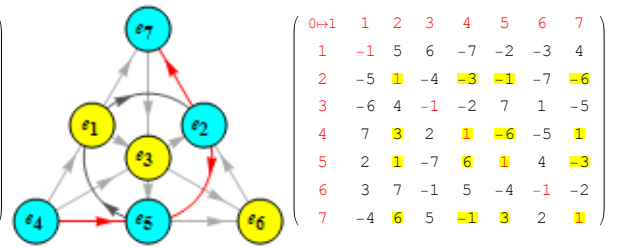
Split=2(2, 4, 5, 7) Flipped



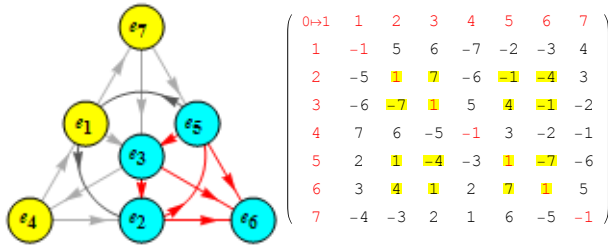
Split=2(2, 4, 5, 7) Not Flipped



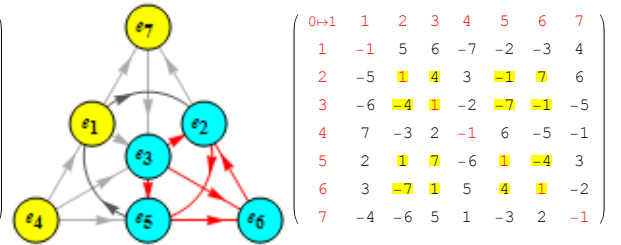
Split=3(2, 3, 5, 6) Flipped



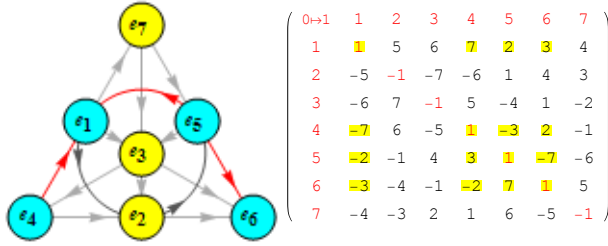
Split=3(2, 3, 5, 6) Not Flipped



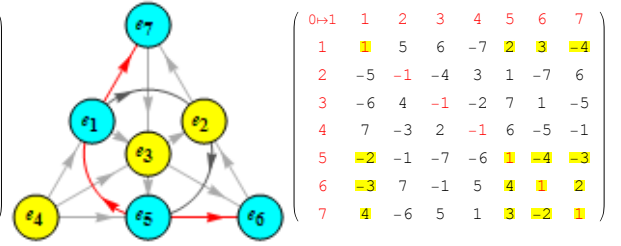
Split=4(1, 4, 5, 6) Flipped



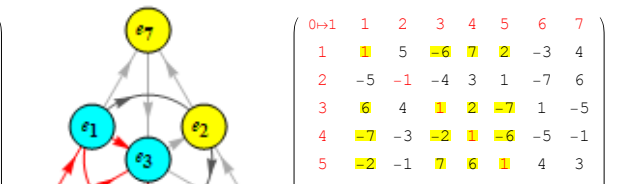
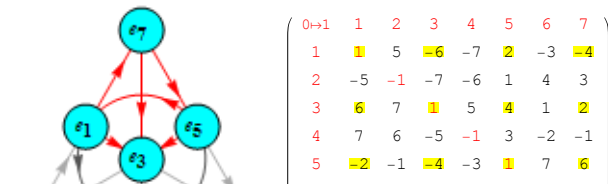
Split=4(1, 5, 6, 7) Not Flipped

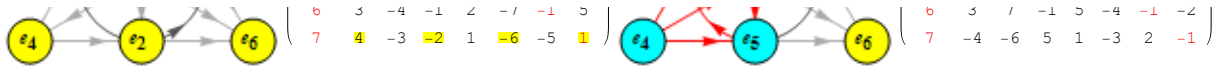


Split=5(1, 3, 5, 7) Flipped



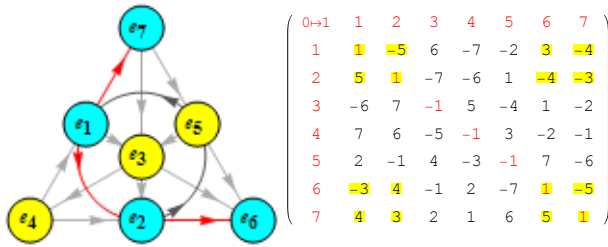
Split=5(1, 3, 4, 5) Not Flipped



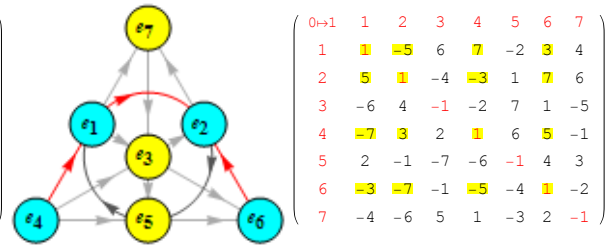


Split=6(1, 2, 6, 7) Flipped

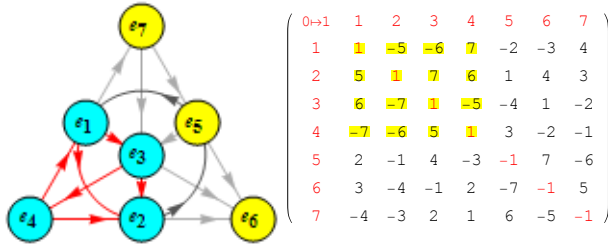
Split=6(1, 2, 4, 6) Not Flipped



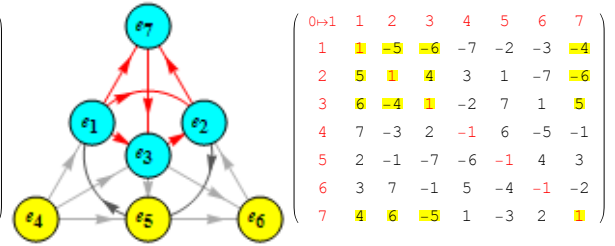
Split=7(1, 2, 3, 4) Flipped



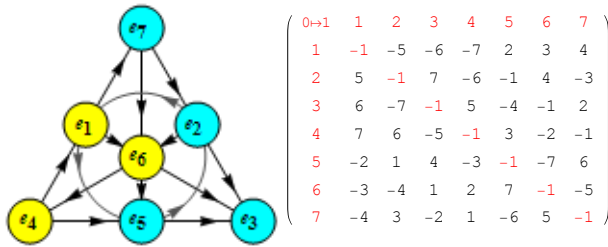
Split=7(1, 2, 3, 7) Not Flipped



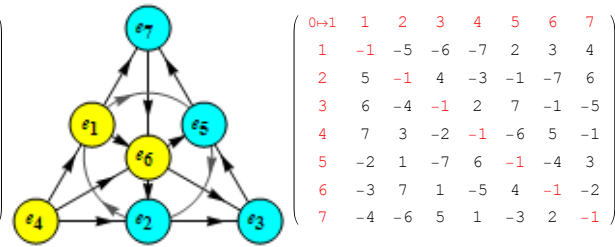
EM63 Flip {(1, 5, 2), (1, 6, 3), (1, 7, 4), (2, 3, 7), (2, 6, 4), (3, 4, 5), (5, 7, 6)}



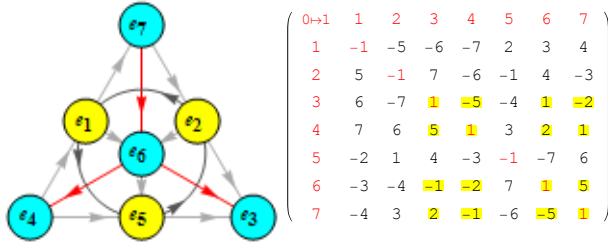
No Flip {(1, 5, 2), (1, 6, 3), (1, 7, 4), (2, 3, 4), (2, 7, 6), (3, 5, 7), (4, 6, 5)}



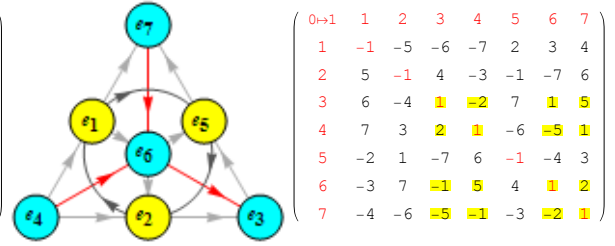
Split=1(3, 4, 6, 7) Flipped



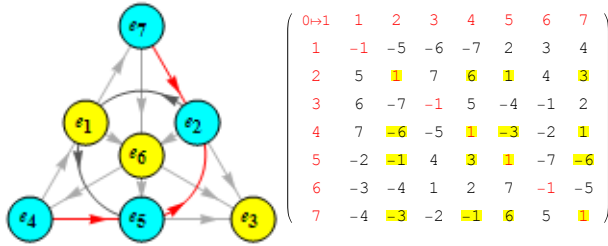
Split=1(3, 4, 6, 7) Not Flipped



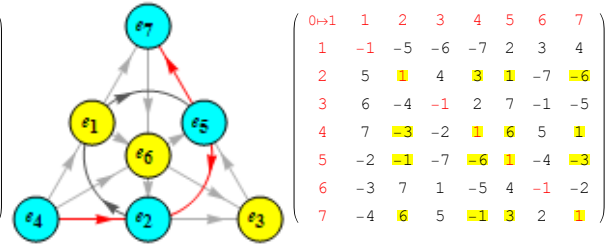
Split=2(2, 4, 5, 7) Flipped



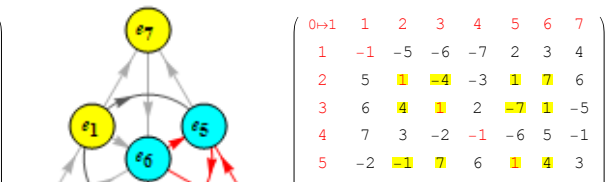
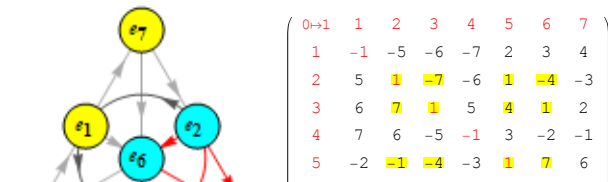
Split=2(2, 4, 5, 7) Not Flipped

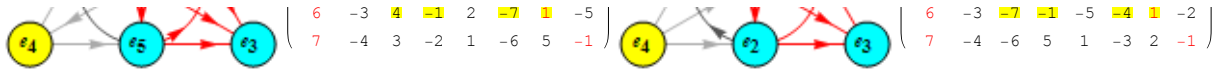


Split=3(2, 3, 5, 6) Flipped



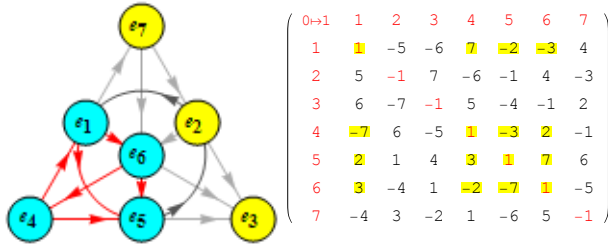
Split=3(2, 3, 5, 6) Not Flipped



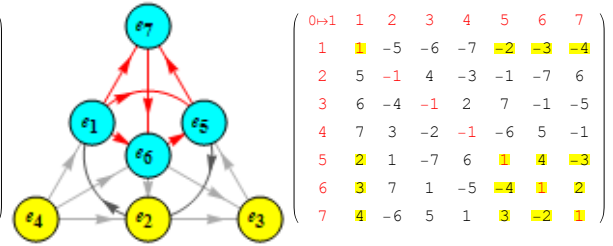


Split=4(1, 4, 5, 6) Flipped

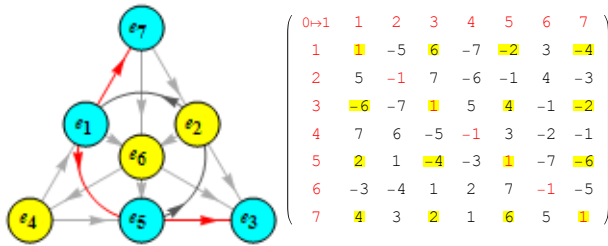
Split=4(1, 5, 6, 7) Not Flipped



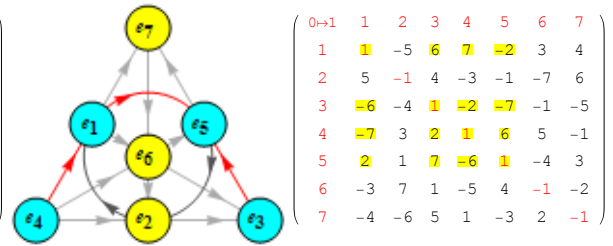
Split=5(1, 3, 5, 7) Flipped



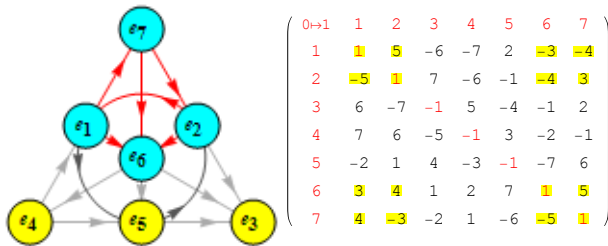
Split=5(1, 3, 4, 5) Not Flipped



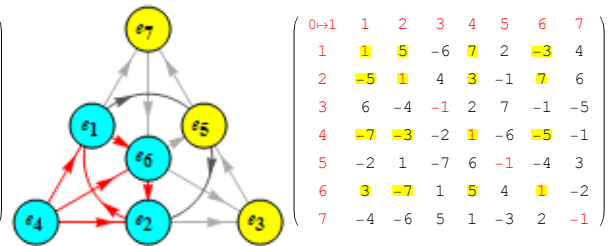
Split=6(1, 2, 6, 7) Flipped



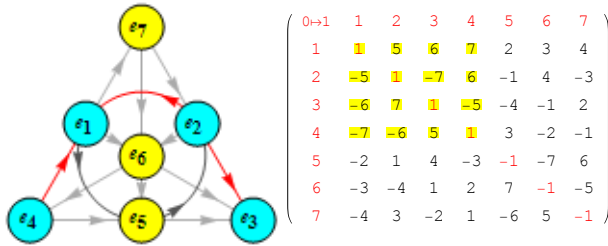
Split=6(1, 2, 4, 6) Not Flipped



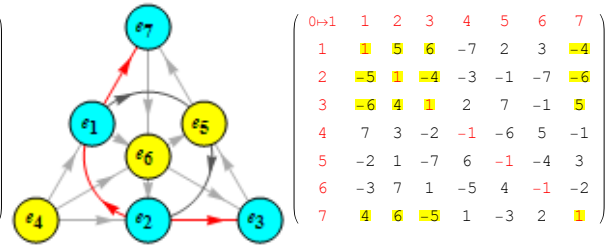
Split=7(1, 2, 3, 4) Flipped



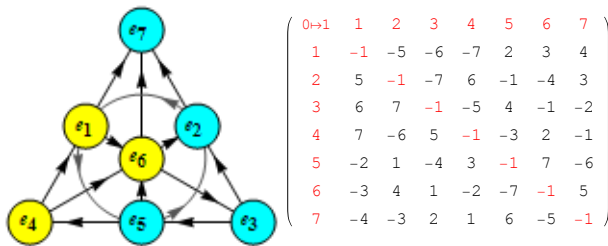
Split=7(1, 2, 3, 7) Not Flipped



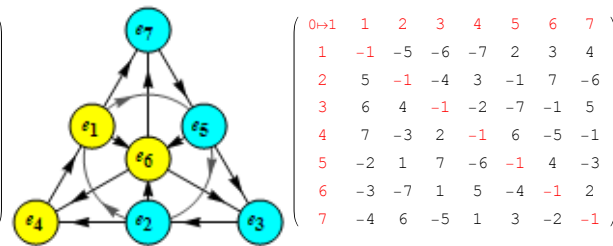
EBH174 Flip {(1, 5, 2), (1, 6, 3), (1, 7, 4), (2, 7, 3), (2, 4, 6), (3, 5, 4), (5, 6, 7)}



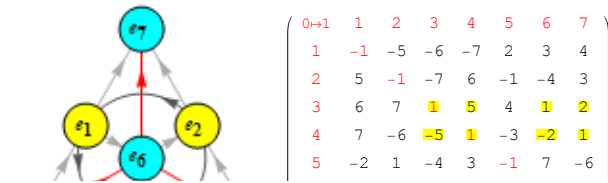
No Flip {(1, 5, 2), (1, 6, 3), (1, 7, 4), (2, 4, 3), (2, 6, 7), (3, 7, 5), (4, 5, 6)}



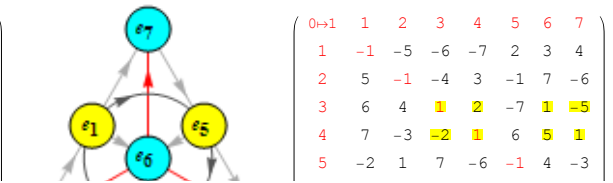
Split=1(3, 4, 6, 7) Flipped



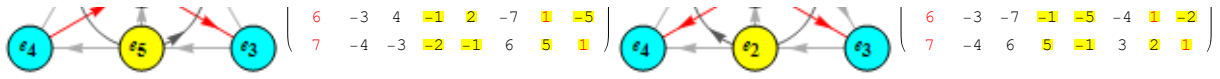
Split=1(3, 4, 6, 7) Not Flipped



Split=1(3, 4, 6, 7) Flipped

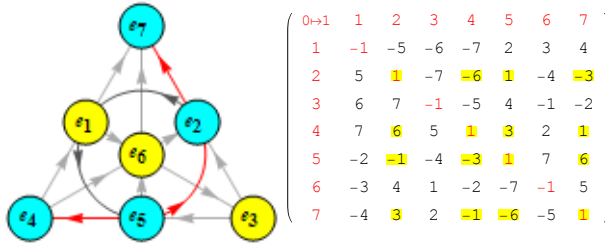


Split=1(3, 4, 6, 7) Not Flipped

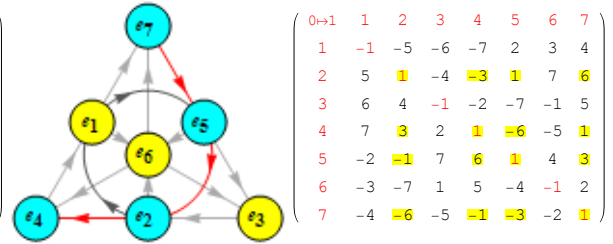


Split=2(2, 4, 5, 7) Flipped

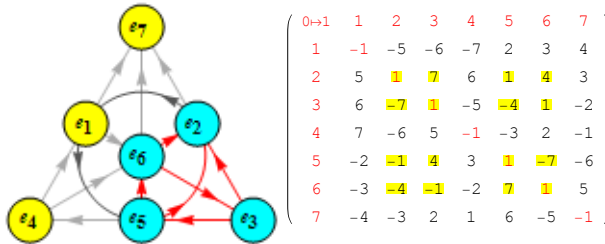
Split=2(2, 4, 5, 7) Not Flipped



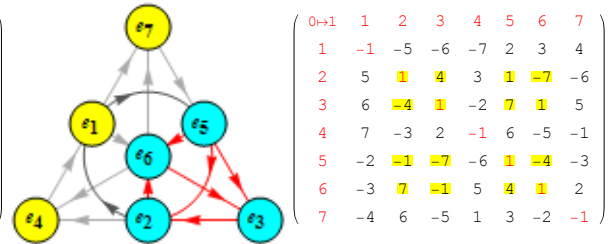
Split=3(2, 3, 5, 6) Flipped



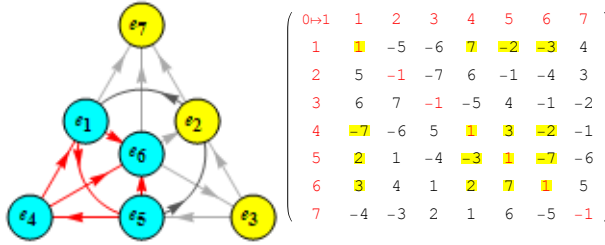
Split=3(2, 3, 5, 6) Not Flipped



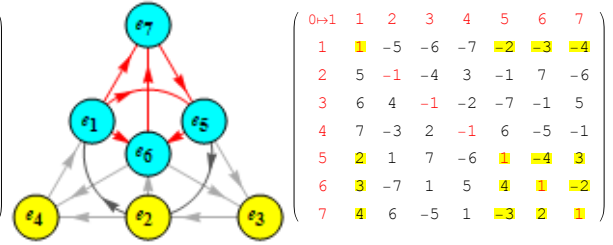
Split=4(1, 4, 5, 6) Flipped



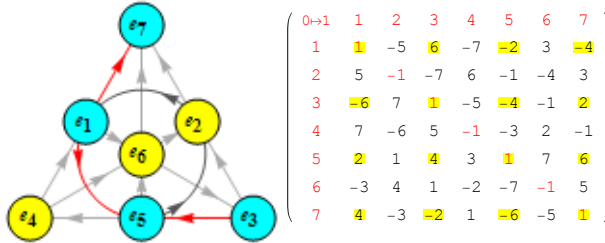
Split=4(1, 5, 6, 7) Not Flipped



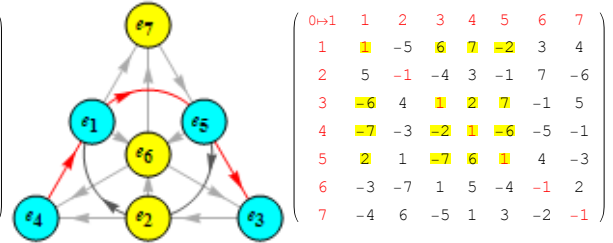
Split=5(1, 3, 5, 7) Flipped



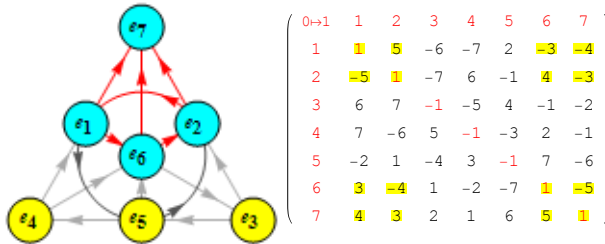
Split=5(1, 3, 4, 5) Not Flipped



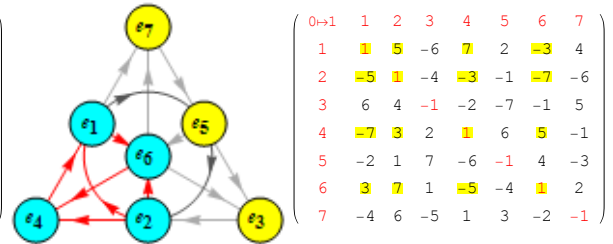
Split=6(1, 2, 6, 7) Flipped



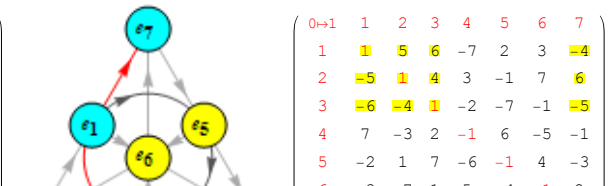
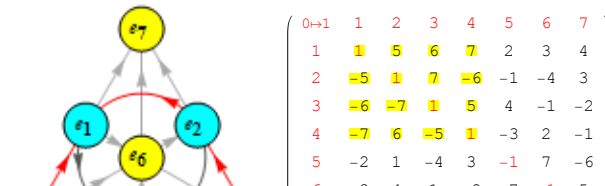
Split=6(1, 2, 4, 6) Not Flipped



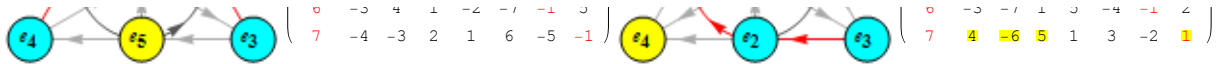
Split=7(1, 2, 3, 4) Flipped



Split=7(1, 2, 3, 7) Not Flipped

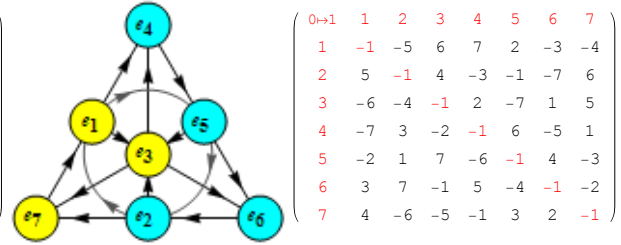
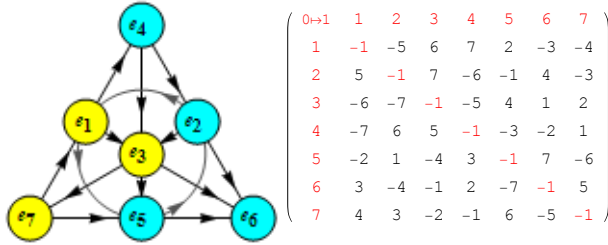






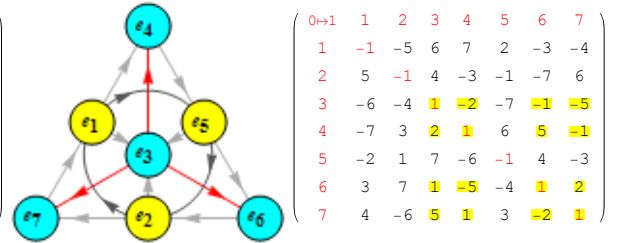
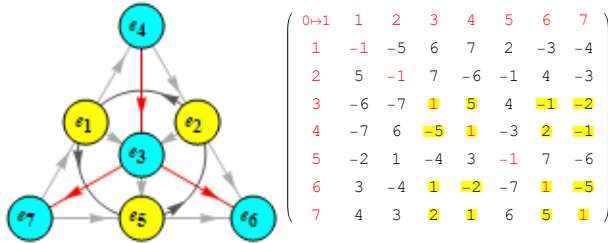
EBH91 Flip  $\{(1, 5, 2), (1, 3, 6), (1, 4, 7), (2, 3, 7), (2, 6, 4), (3, 5, 4), (5, 6, 7)\}$

No Flip  $\{(1, 5, 2), (1, 3, 6), (1, 4, 7), (2, 3, 4), (2, 7, 6), (3, 7, 5), (4, 5, 6)\}$



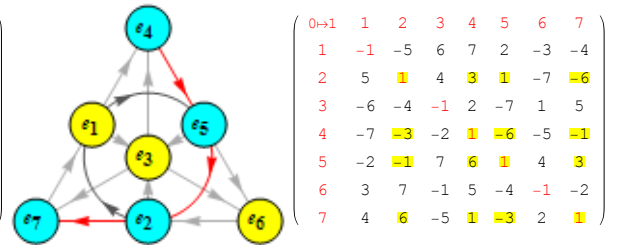
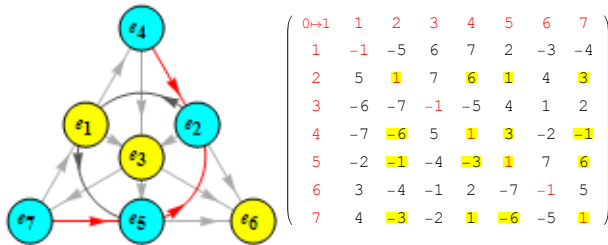
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



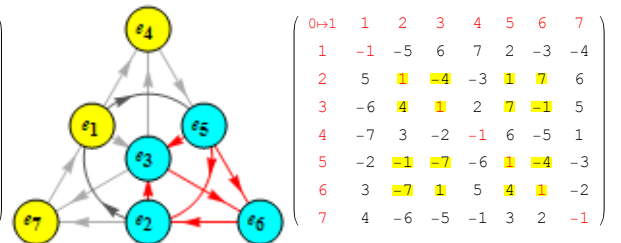
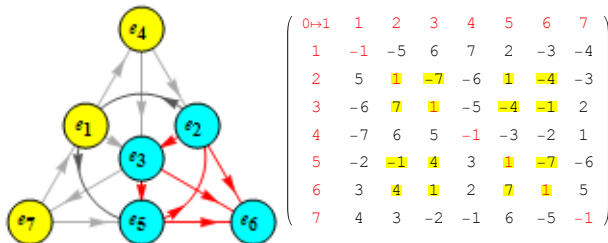
Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



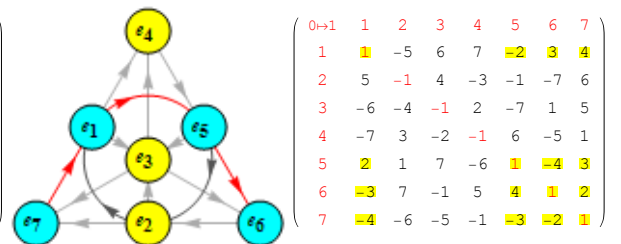
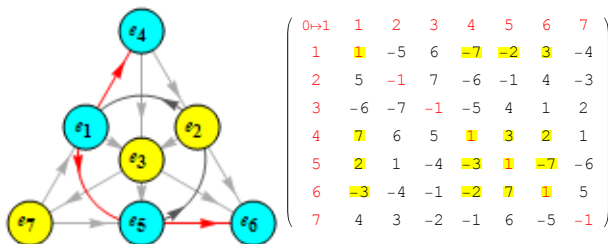
Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



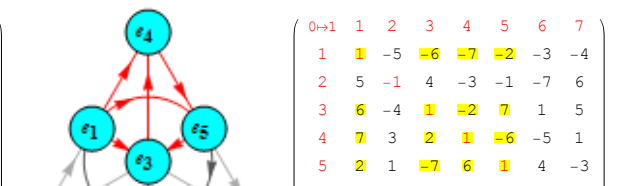
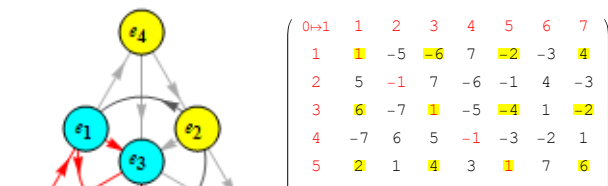
Split=4(1, 4, 5, 6) Flipped

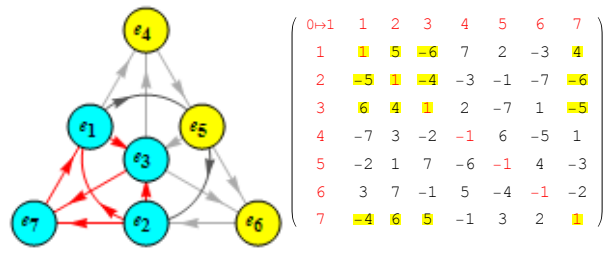
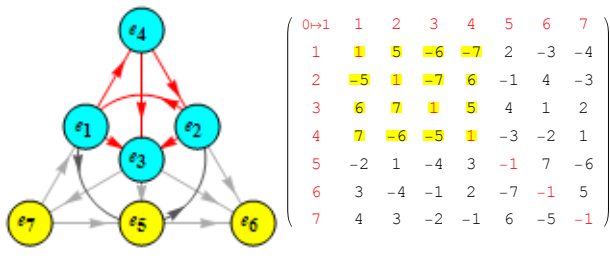
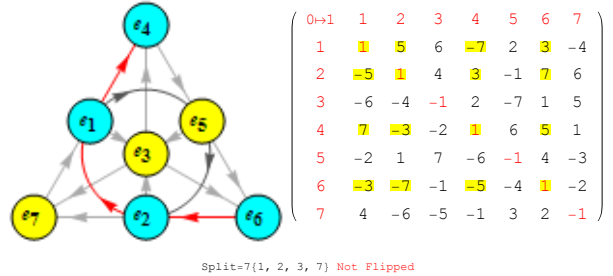
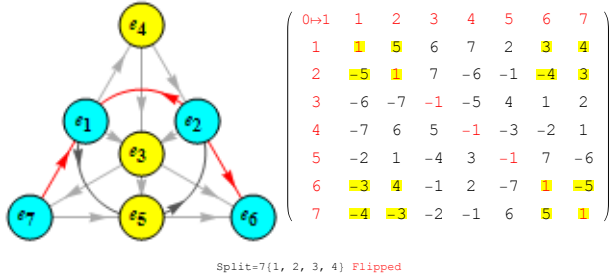
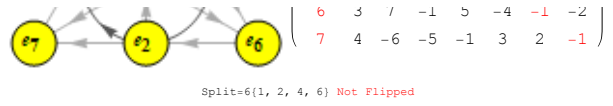
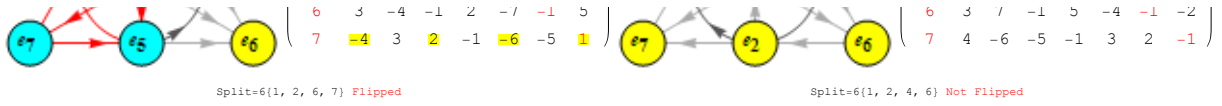
Split=4(1, 5, 6, 7) Not Flipped



Split=5(1, 3, 5, 7) Flipped

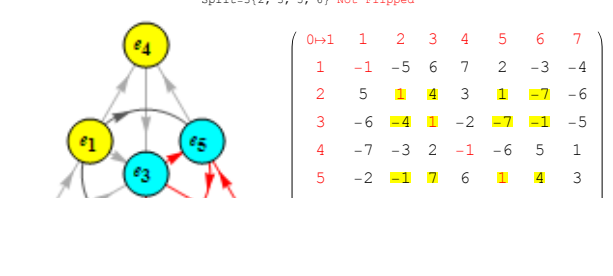
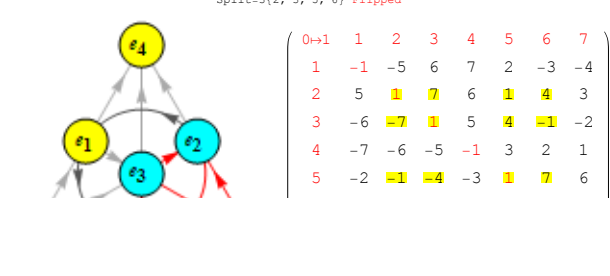
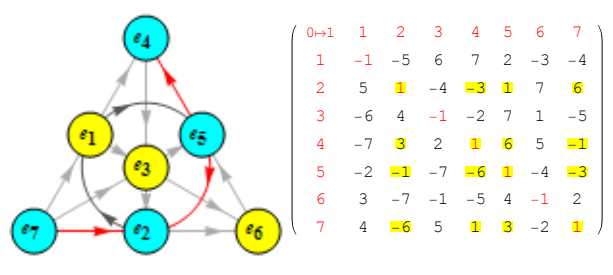
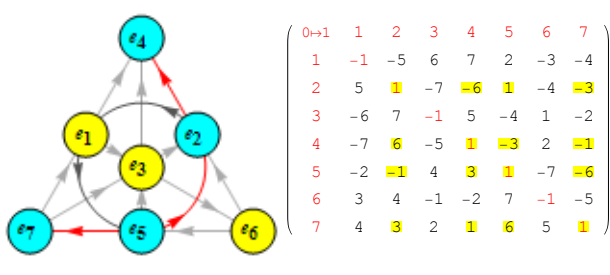
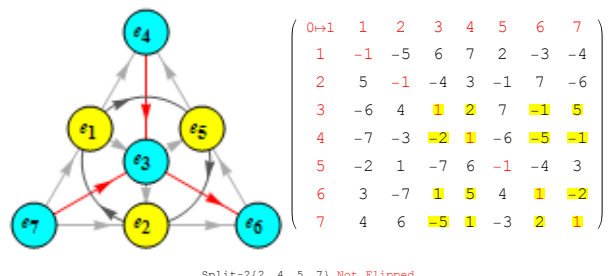
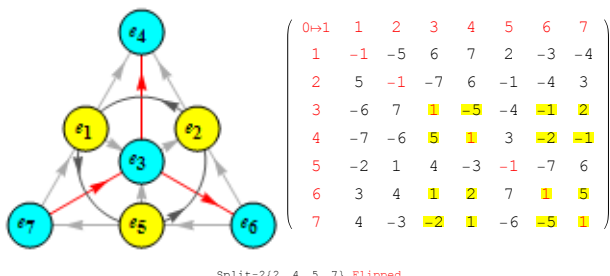
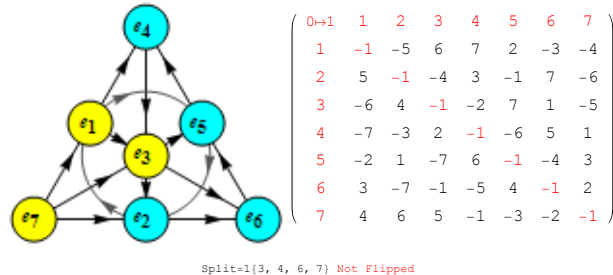
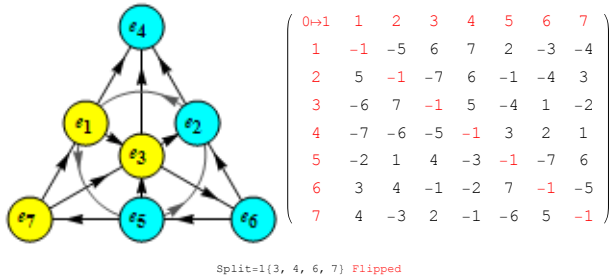
Split=5(1, 3, 4, 5) Not Flipped

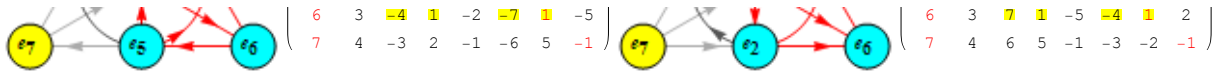




EB206 Flip ((1, 5, 2), (1, 3, 6), (1, 4, 7), (2, 7, 3), (2, 4, 6), (3, 4, 5), (5, 7, 6))

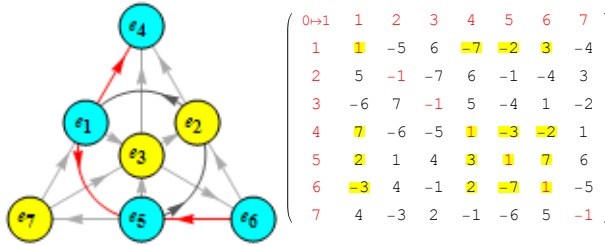
No Flip ((1, 5, 2), (1, 3, 6), (1, 4, 7), (2, 4, 3), (2, 6, 7), (3, 5, 7), (4, 6, 5))



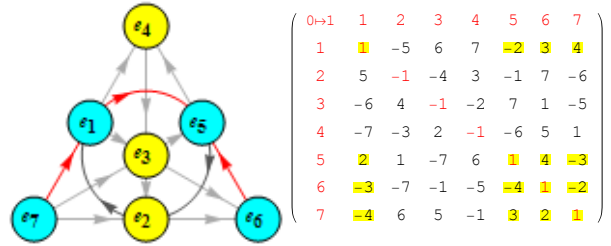


Split=4(1, 4, 5, 6) Flipped

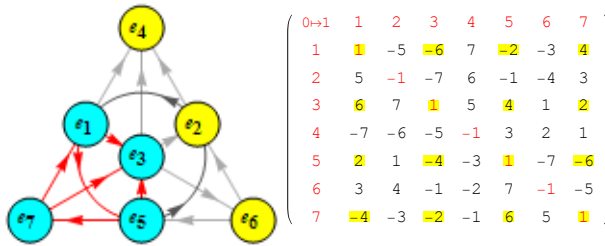
Split=4(1, 5, 6, 7) Not Flipped



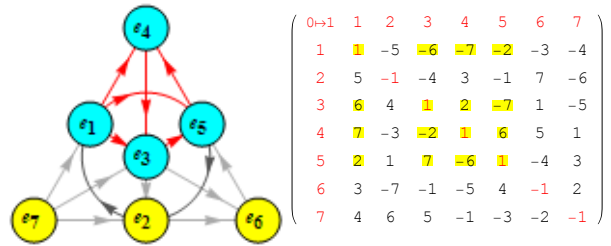
Split=5(1, 3, 5, 7) Flipped



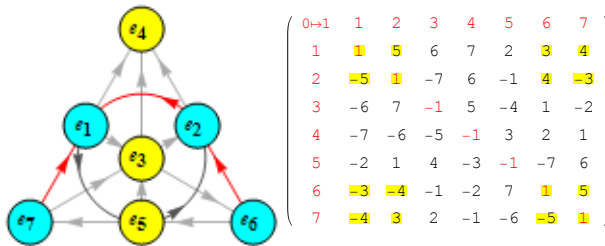
Split=5(1, 3, 4, 5) Not Flipped



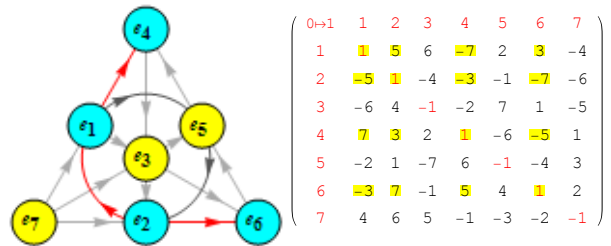
Split=6(1, 2, 6, 7) Flipped



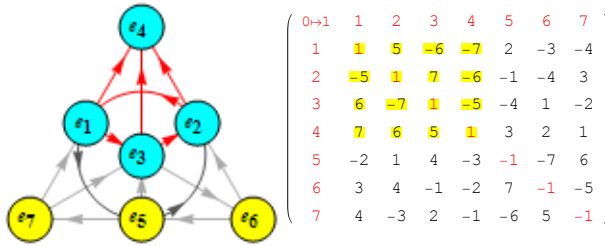
Split=6(1, 2, 4, 6) Not Flipped



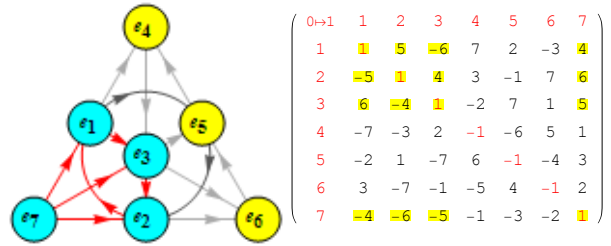
Split=7(1, 2, 3, 4) Flipped



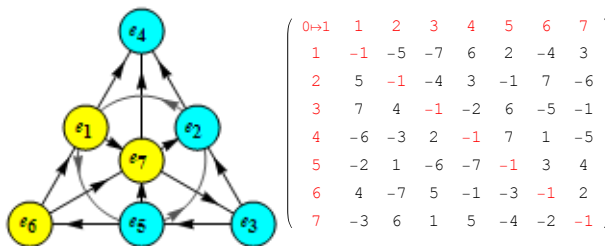
Split=7(1, 2, 3, 7) Not Flipped



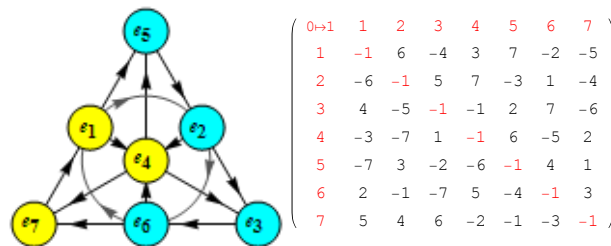
EM67 Flip ((1, 5, 2), (1, 7, 3), (1, 4, 6), (2, 4, 3), (2, 6, 7), (3, 5, 6), (4, 5, 7))



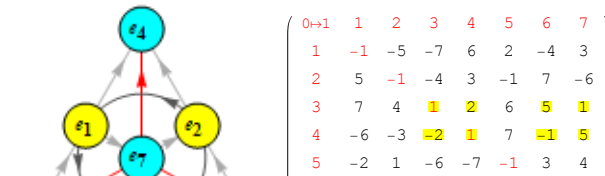
No Flip ((1, 2, 6), (1, 4, 3), (1, 5, 7), (2, 3, 5), (2, 4, 7), (3, 6, 7), (4, 5, 6))

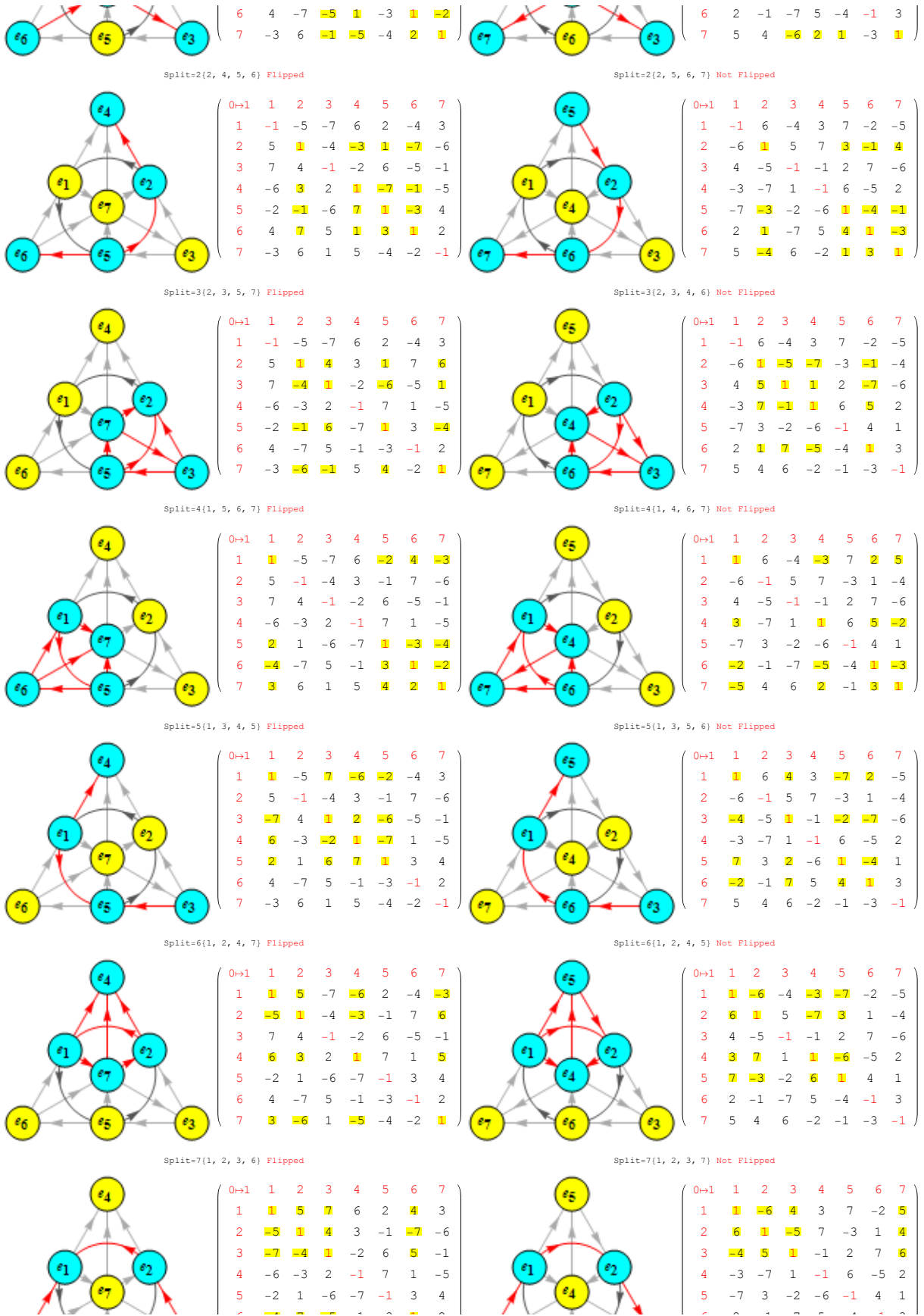


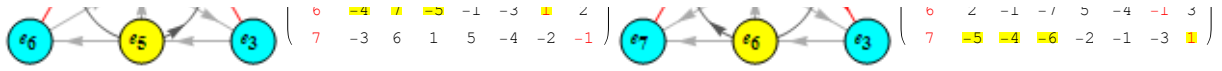
Split=1(3, 4, 6, 7) Flipped



Split=1(3, 4, 5, 7) Not Flipped

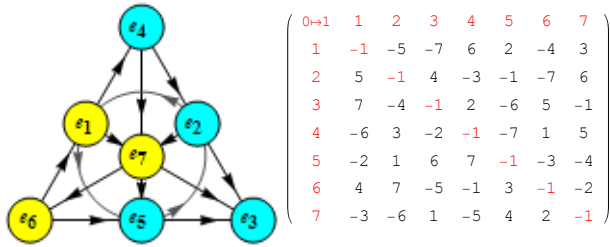




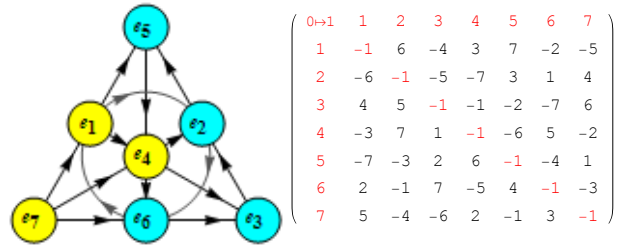


EBn79 Flip ((1, 5, 2), (1, 7, 3), (1, 4, 6), (2, 3, 4), (2, 7, 6), (3, 6, 5), (4, 7, 5))

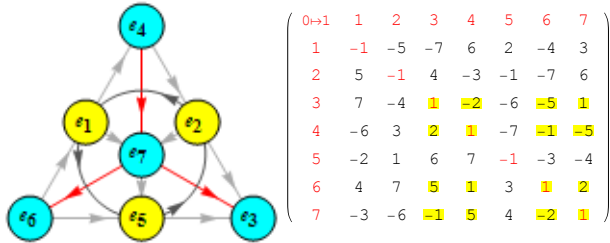
No Flip ((1, 2, 6), (1, 4, 3), (1, 5, 7), (2, 5, 3), (2, 7, 4), (3, 7, 6), (4, 6, 5))



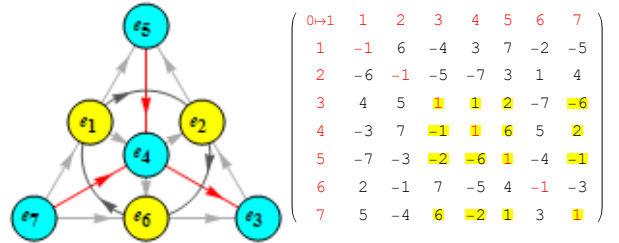
Split=1(3, 4, 6, 7) Flipped



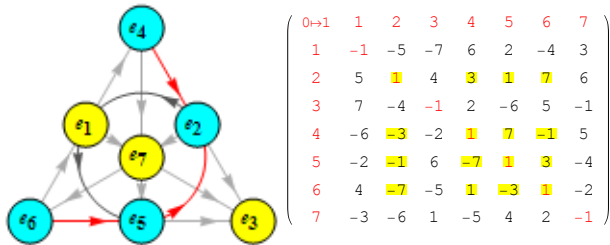
Split=1(3, 4, 5, 7) Not Flipped



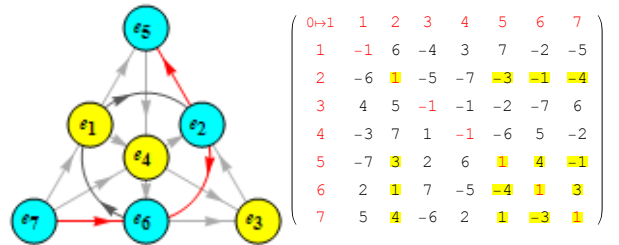
Split=2(2, 4, 5, 6) Flipped



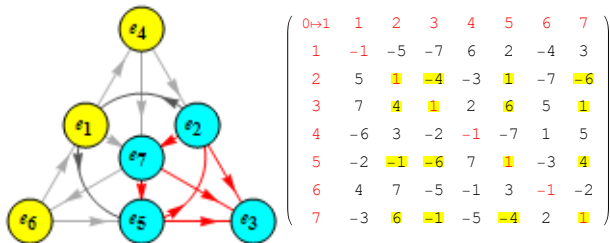
Split=2(2, 5, 6, 7) Not Flipped



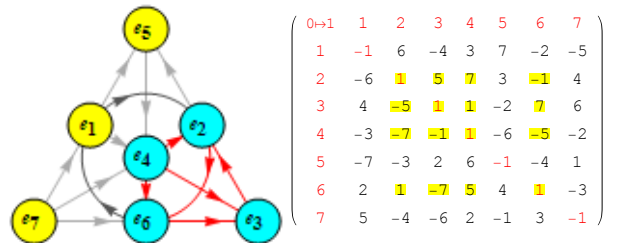
Split=3(2, 3, 5, 7) Flipped



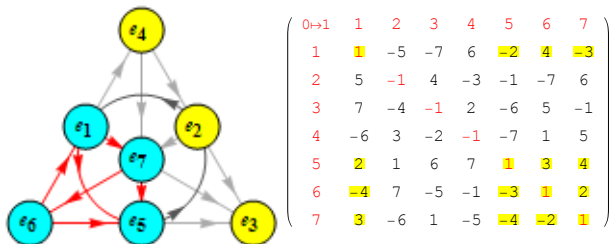
Split=3(2, 3, 4, 6) Not Flipped



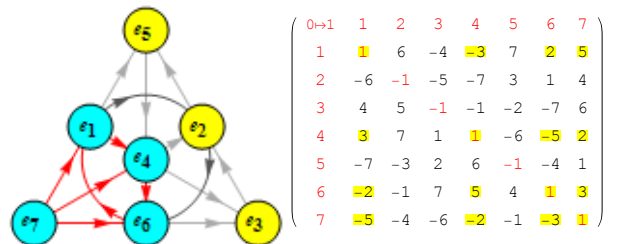
Split=4(1, 5, 6, 7) Flipped



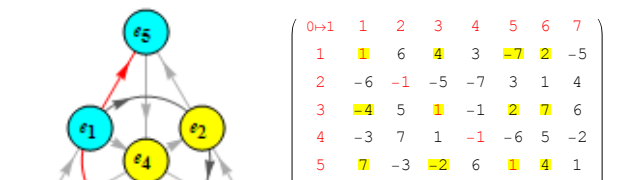
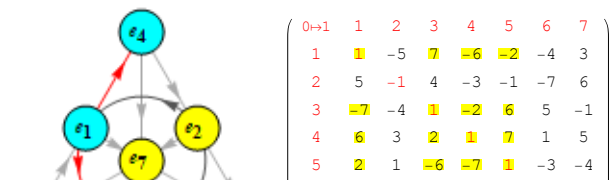
Split=4(1, 4, 6, 7) Not Flipped

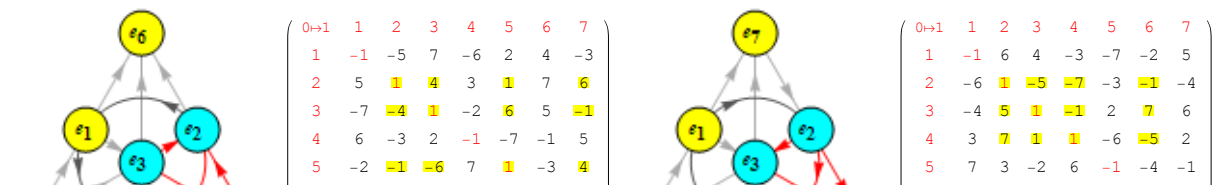
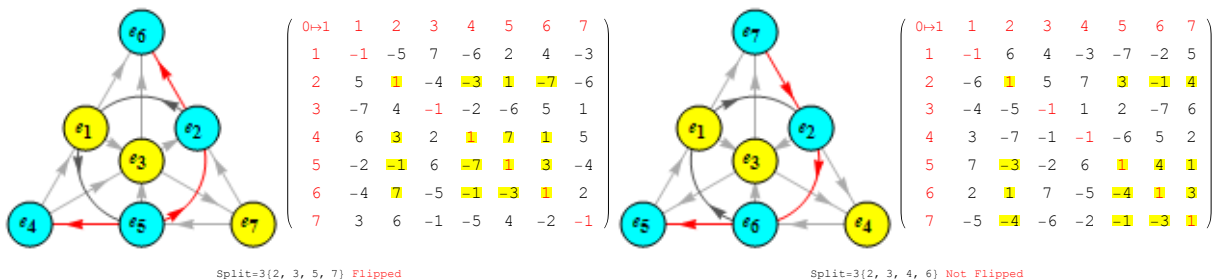
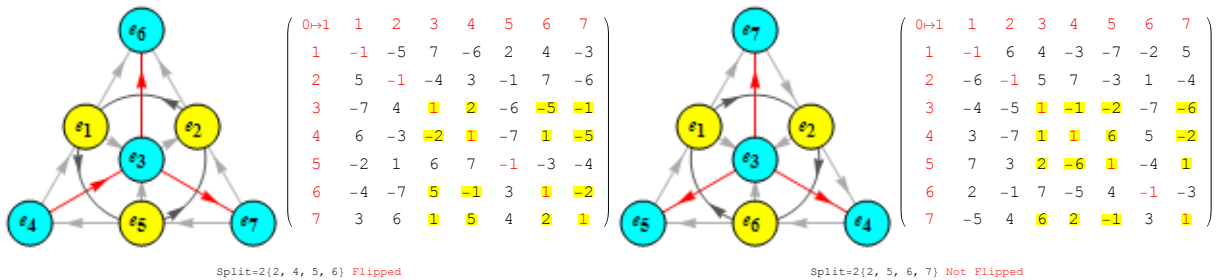
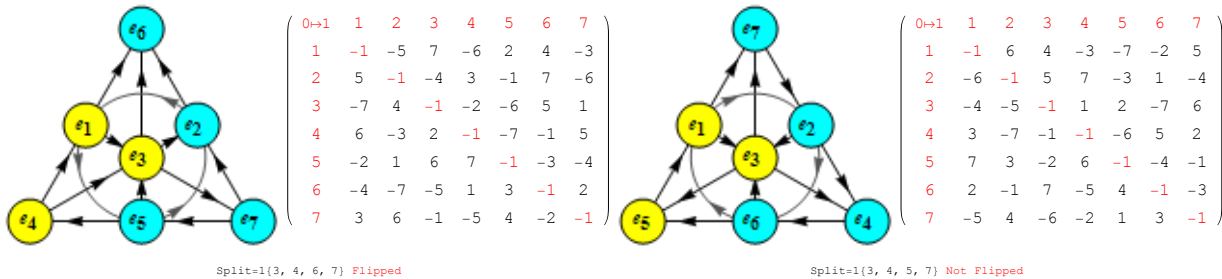
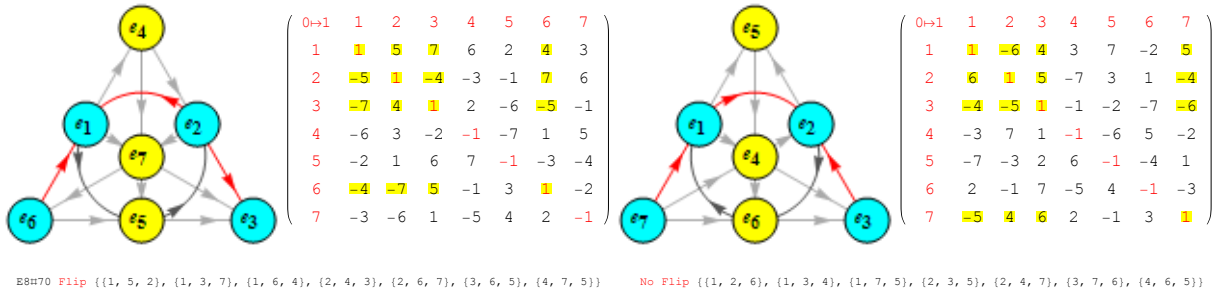
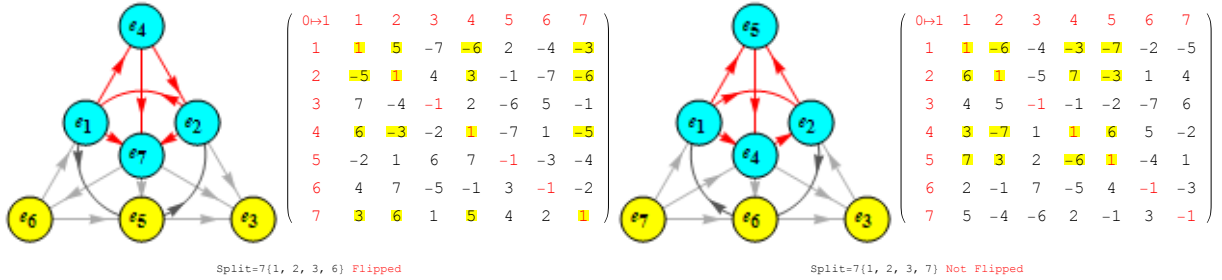
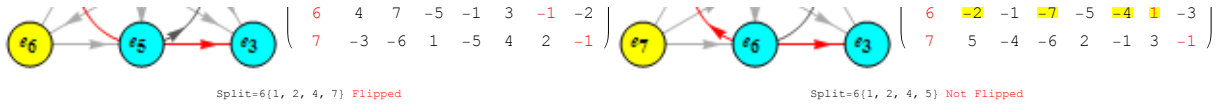


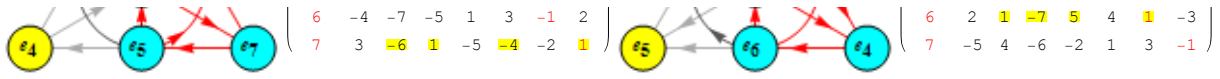
Split=5(1, 3, 4, 5) Flipped



Split=5(1, 3, 5, 6) Not Flipped

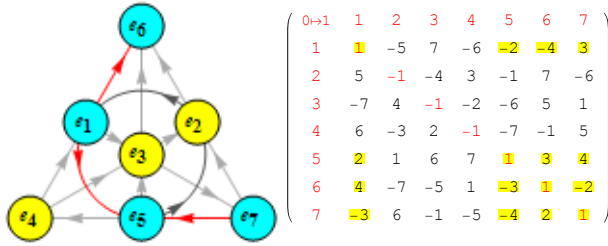






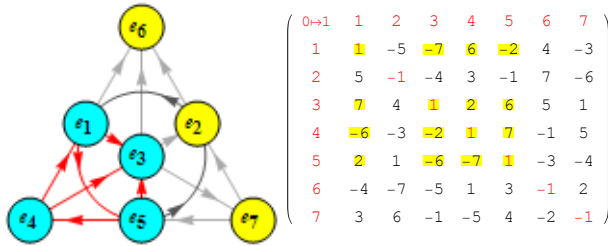
Split=4(1, 5, 6, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



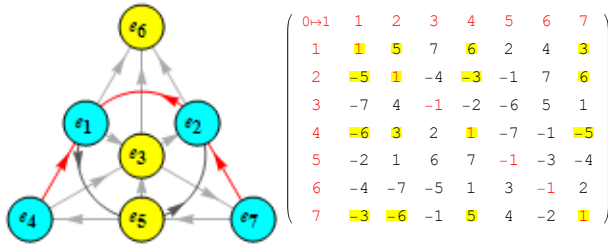
Split=5(1, 3, 4, 5) Flipped

Split=5(1, 3, 5, 6) Not Flipped



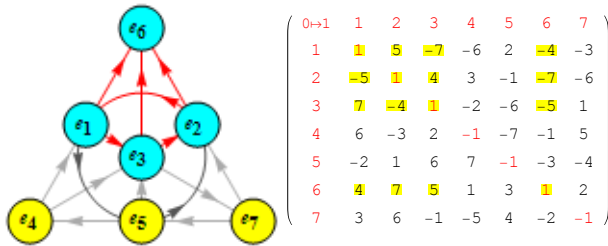
Split=6(1, 2, 4, 7) Flipped

Split=6(1, 2, 4, 5) Not Flipped



Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 7) Not Flipped

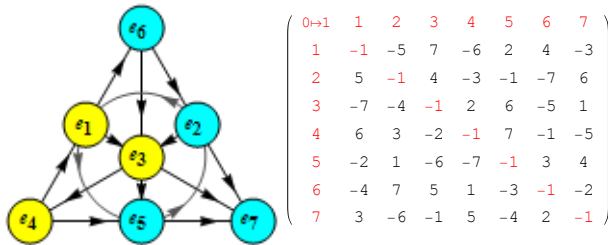


Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped

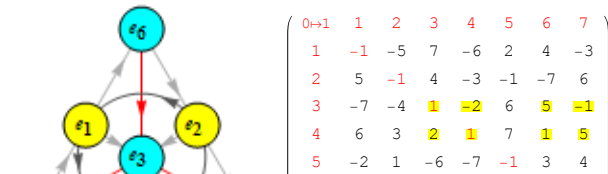
EBH76 Flip {(1, 5, 2), (1, 3, 7), (1, 6, 4), (2, 3, 4), (2, 7, 6), (3, 5, 6), (4, 5, 7)}

No Flip {(1, 2, 6), (1, 3, 4), (1, 7, 5), (2, 5, 3), (2, 7, 4), (3, 6, 7), (4, 5, 6)}



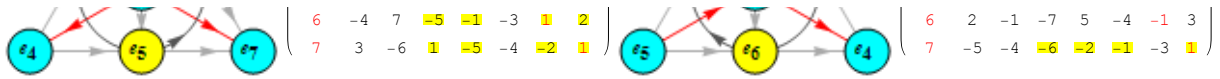
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



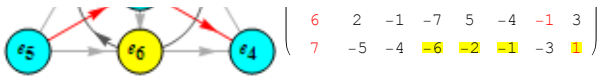
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



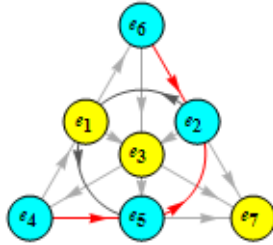
Split=2(2, 4, 5, 6) Flipped

6	-4	7	=5	=1	-3	1	2
7	3	-6	1	=5	-4	=2	1



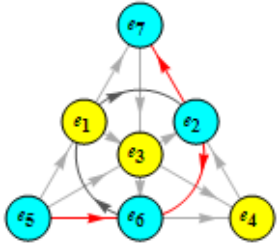
Split=2(2, 5, 6, 7) Not Flipped

6	2	-1	-7	5	-4	-1	3
7	-5	-4	=6	=2	=1	-3	1



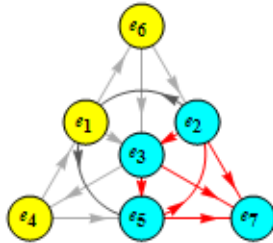
Split=3(2, 3, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-5	7	-6	2	4	-3
2	5	1	4	3	1	7	6
3	-7	-4	-1	2	6	-5	1
4	6	=3	-2	1	=7	1	-5
5	-2	=1	-6	7	1	=3	4
6	-4	=7	5	=1	3	1	-2
7	3	-6	-1	5	-4	2	-1



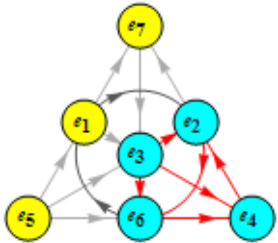
Split=3(2, 3, 4, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	4	-3	-7	-2	5
2	-6	1	-5	-7	=3	=1	=4
3	-4	5	-1	1	-2	7	-6
4	3	7	-1	-1	6	-5	-2
5	7	3	2	-6	1	=4	1
6	2	1	-7	5	4	1	=3
7	-5	4	6	2	=1	3	1



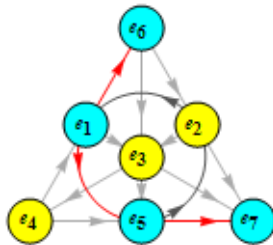
Split=4(1, 5, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-5	7	-6	2	4	-3
2	5	1	=4	-3	1	-7	=6
3	-7	4	1	2	=6	-5	=1
4	6	3	-2	-1	7	-1	-5
5	-2	=1	6	-7	1	3	=4
6	-4	7	5	1	-3	-1	-2
7	3	6	1	5	4	2	1



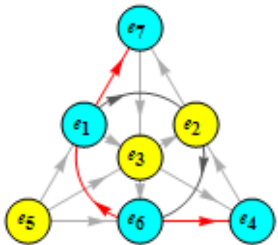
Split=4(1, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	4	-3	-7	-2	5
2	-6	1	5	7	3	=1	4
3	-4	=5	1	-1	-2	=7	-6
4	3	=7	1	1	6	5	-2
5	7	-3	2	-6	-1	4	-1
6	2	1	7	=5	-4	1	3
7	-5	-4	6	2	1	-3	-1



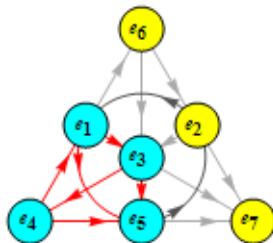
Split=5(1, 3, 4, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	-5	7	-6	=2	=4	3
2	5	-1	4	-3	-1	-7	6
3	-7	-4	-1	2	6	-5	1
4	6	3	-2	-1	7	-1	-5
5	2	1	-6	-7	1	=3	=4
6	4	7	5	1	3	1	2
7	=3	-6	-1	5	4	=2	1



Split=5(1, 3, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	6	4	3	-7	2	=5
2	-6	-1	-5	-7	3	1	4
3	-4	5	-1	1	-2	7	-6
4	=3	7	-1	1	6	5	2
5	7	-3	2	-6	-1	4	-1
6	=2	-1	-7	=5	-4	1	=3
7	5	-4	6	=2	1	3	1



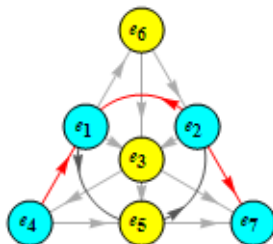
Split=6(1, 2, 4, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-5	=7	6	=2	4	-3
2	5	-1	4	-3	-1	-7	6
3	7	-4	1	=2	=6	-5	1
4	=6	3	2	1	=7	-1	-5
5	2	1	6	7	1	3	4
6	-4	7	5	1	-3	-1	-2
7	3	-6	-1	5	-4	2	-1



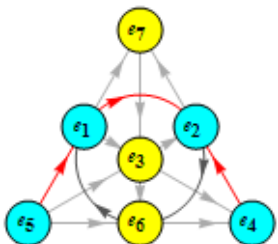
Split=6(1, 2, 4, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	6	=4	-3	7	2	5
2	-6	-1	-5	-7	3	1	4
3	4	5	1	1	2	=7	-6
4	3	7	-1	-1	6	-5	-2
5	=7	-3	=2	-6	1	=4	-1
6	=2	-1	7	5	4	1	3
7	-5	-4	6	2	1	-3	-1



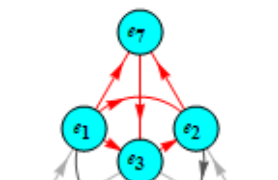
Split=7(1, 2, 3, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	5	=7	-6	2	=4	-3
2	=5	1	=4	-3	-1	7	6
3	7	4	1	2	6	5	1
4	6	3	-2	-1	7	-1	-5
5	-2	1	-6	-7	-1	3	4
6	-4	7	5	1	-3	-1	-2
7	=3	6	-1	=5	-4	2	1



Split=7(1, 2, 3, 7) Not Flipped

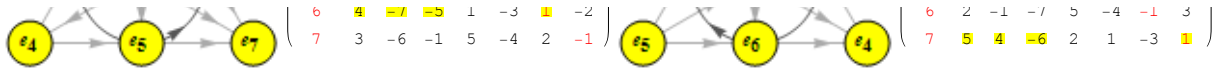
0→1	1	2	3	4	5	6	7
1	1	=6	=4	-3	-7	-2	=5
2	6	1	5	-7	3	1	=4
3	4	=5	1	-2	7	6	1
4	3	7	-1	-1	6	-5	-2
5	7	-3	2	-6	-1	4	-1
6	2	-1	-7	5	-4	-1	3
7	-5	-4	6	2	1	-3	-1



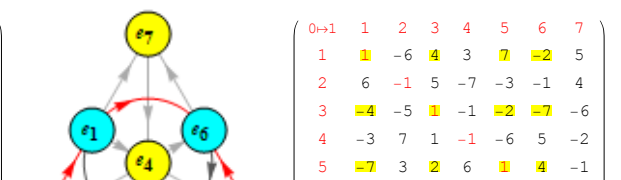
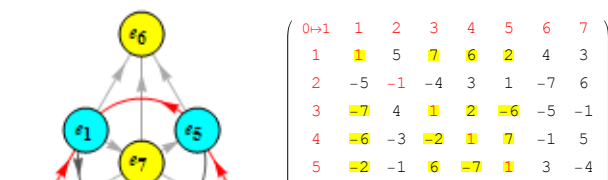
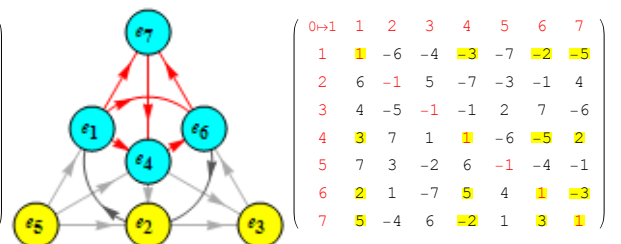
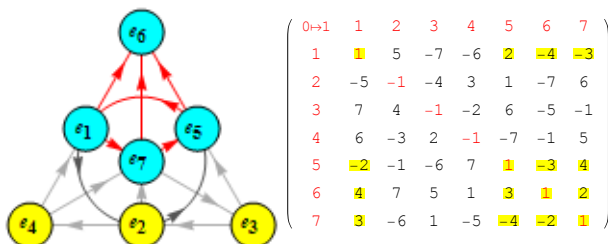
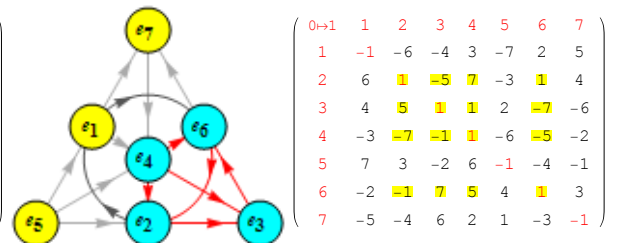
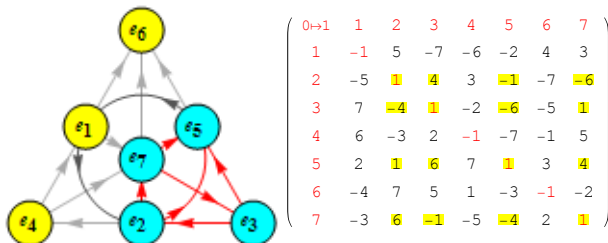
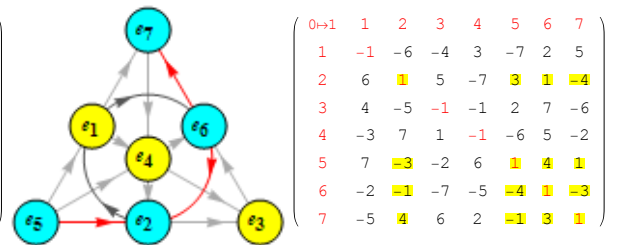
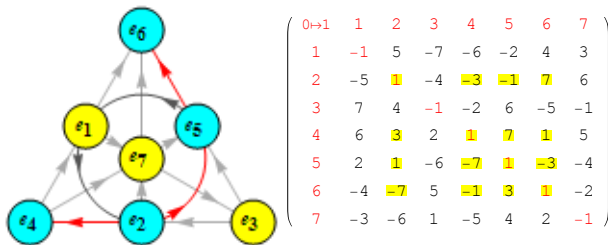
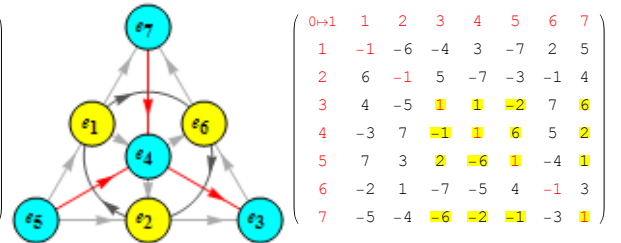
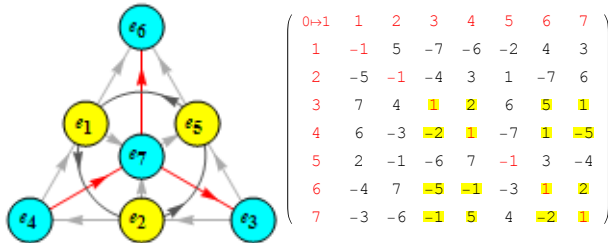
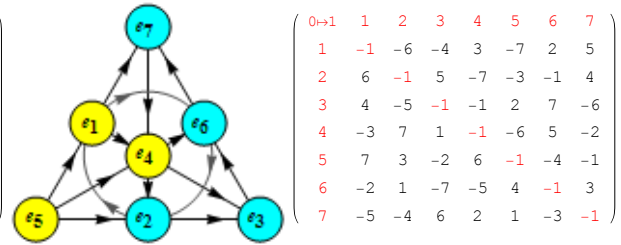
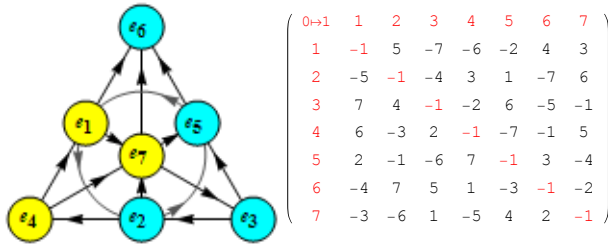
0→1	1	2	3	4	5	6	7
1	1	5	=7	-6	2	=4	-3
2	=5	1	=4	-3	-1	7	6
3	7	4	1	2	6	5	1
4	6	3	-2	-1	7	-1	-5
5	-2	1	-6	-7	-1	3	4
6	-4	7	5	1	-3	-1	-2
7	=3	6	-1	=5	-4	2	1

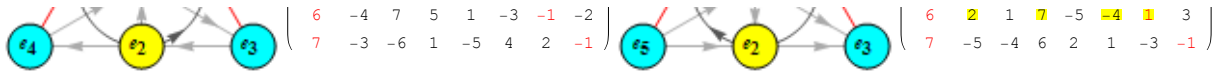
0→1	1	2	3	4	5	6	7
1	1	=6	=4	-3	-7	-2	=5
2	6	1	5	-7	3	1	=4
3	4	=5	1	-2	7	6	1
4	3	7	-1	-1	6	-5	-2
5	7	-3	2	-6	-1	4	-1
6	2	-1	-7	5	-4	-1	3
7	-5	-4	6	2	1	-3	-1





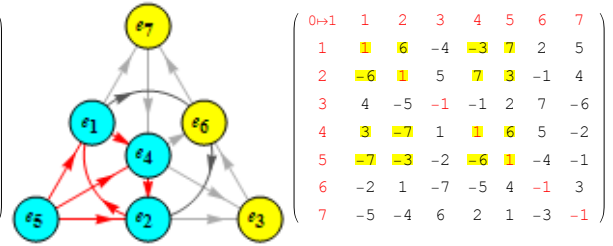
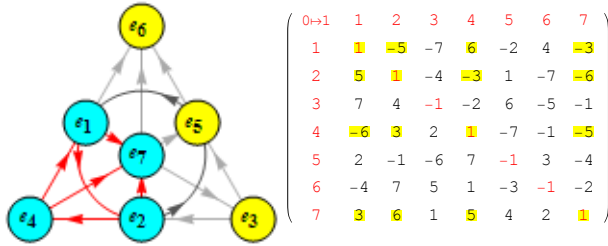
EB#59 Flip  $\{(1, 2, 5), (1, 7, 3), (1, 6, 4), (2, 4, 3), (2, 7, 6), (3, 5, 6), (4, 7, 5)\}$  No Flip  $\{(1, 6, 2), (1, 4, 3), (1, 7, 5), (2, 3, 5), (2, 7, 4), (3, 6, 7), (4, 6, 5)\}$





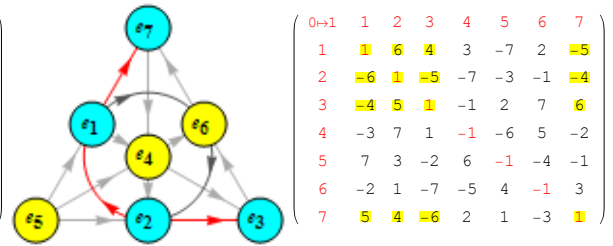
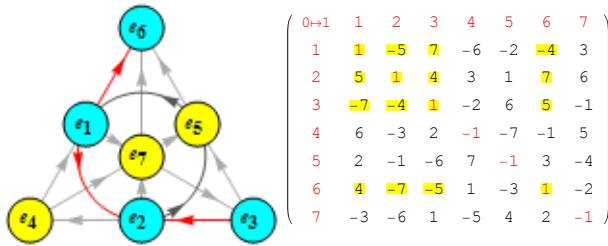
Split=6(1, 2, 4, 7) Flipped

Split=6(1, 2, 4, 5) Not Flipped



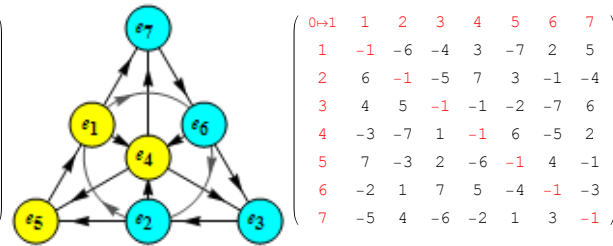
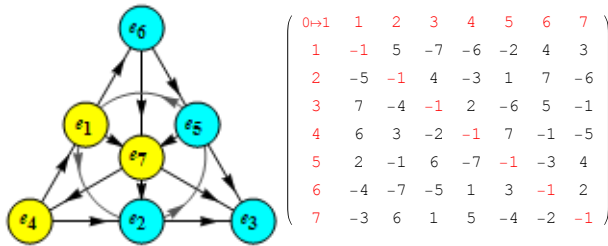
Split=7(1, 2, 3, 6) Flipped

Split=7(1, 2, 3, 7) Not Flipped



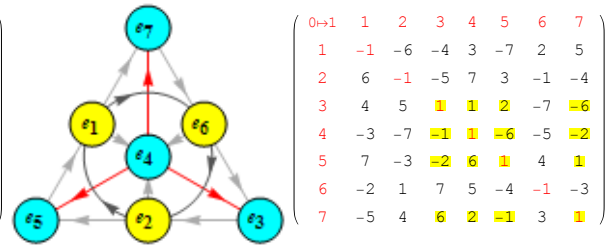
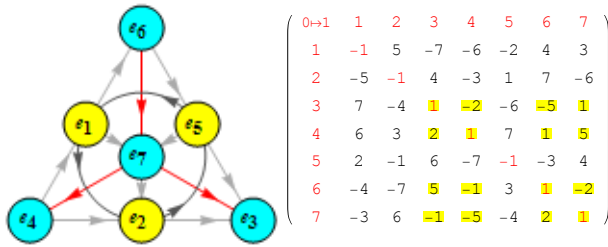
ES211 Flip {(1, 2, 5), (1, 7, 3), (1, 6, 4), (2, 3, 4), (2, 6, 7), (3, 6, 5), (4, 5, 7)}

No Flip {(1, 6, 2), (1, 4, 3), (1, 7, 5), (2, 5, 3), (2, 4, 7), (3, 7, 6), (4, 5, 6)}



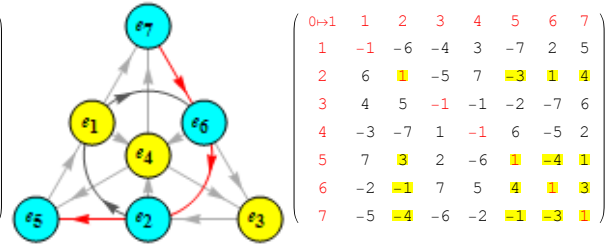
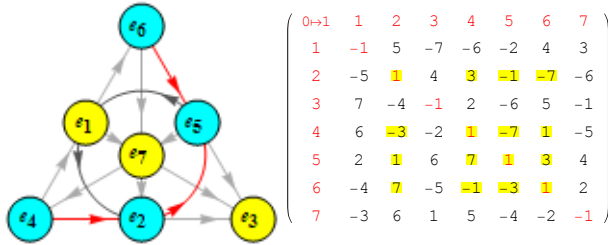
Split=1(3, 4, 6, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



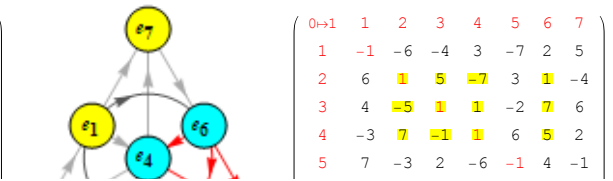
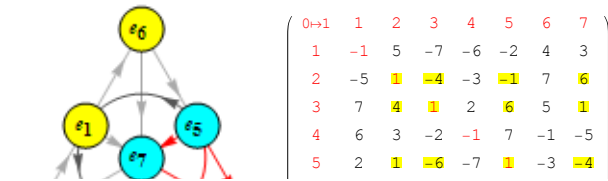
Split=2(2, 4, 5, 6) Flipped

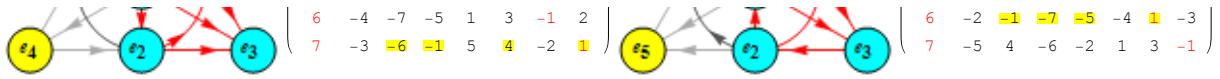
Split=2(2, 5, 6, 7) Not Flipped



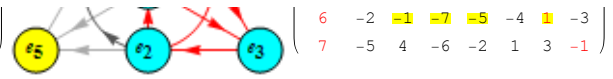
Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 4, 6) Not Flipped

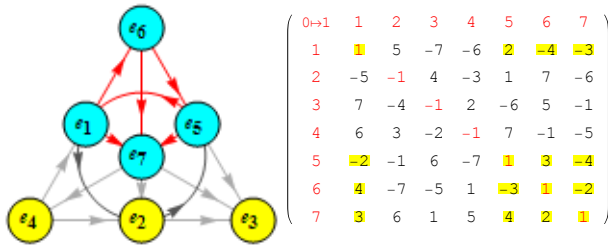




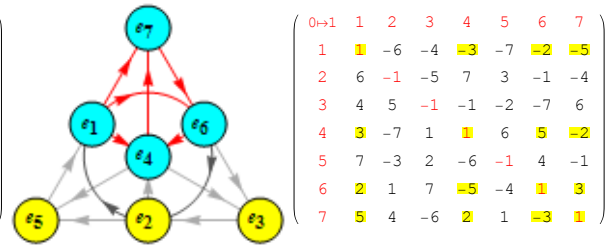
Split=4(1, 5, 6, 7) Flipped

$$\begin{pmatrix} 6 & -4 & -7 & -5 & 1 & 3 & -1 & 2 \\ 7 & -3 & -6 & -1 & 5 & 4 & -2 & 1 \end{pmatrix}$$


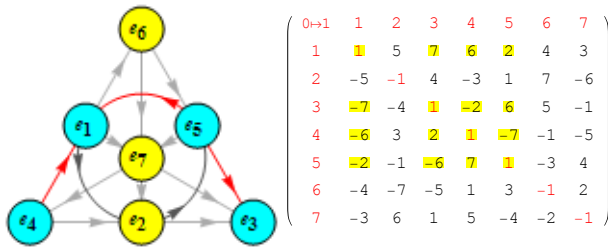
Split=4(1, 4, 6, 7) Not Flipped

$$\begin{pmatrix} 6 & -2 & -1 & -7 & -5 & -4 & 1 & -3 \\ 7 & -5 & 4 & -6 & -2 & 1 & 3 & -1 \end{pmatrix}$$


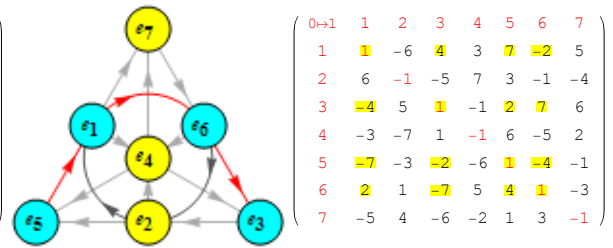
Split=5(1, 3, 4, 5) Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & 5 & -7 & -6 & 2 & -4 & -3 \\ 2 & -5 & -1 & 4 & -3 & 1 & 7 & -6 \\ 3 & 7 & -4 & -1 & 2 & -6 & 5 & -1 \\ 4 & 6 & 3 & -2 & -1 & 7 & -1 & -5 \\ 5 & -2 & -1 & 6 & -7 & 1 & 3 & -4 \\ 6 & 4 & -7 & -5 & 1 & -3 & 1 & -2 \\ 7 & 3 & 6 & 1 & 5 & 4 & 2 & 1 \end{pmatrix}$$


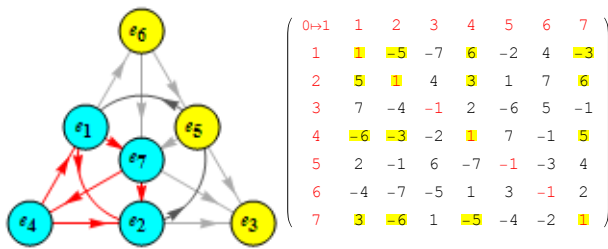
Split=5(1, 3, 5, 6) Not Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & -6 & -4 & -3 & -7 & -2 & -5 \\ 2 & 6 & -1 & -5 & 7 & 3 & -1 & -4 \\ 3 & 4 & 5 & -1 & -1 & -2 & -7 & 6 \\ 4 & 3 & -7 & 1 & 1 & 6 & 5 & -2 \\ 5 & 7 & -3 & 2 & -6 & -1 & 4 & -1 \\ 6 & 2 & 1 & 7 & -5 & -4 & 1 & 3 \\ 7 & 5 & 4 & -6 & 2 & 1 & -3 & 1 \end{pmatrix}$$


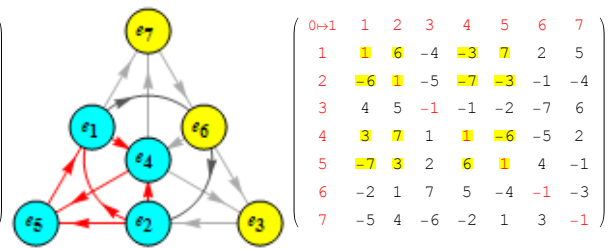
Split=6(1, 2, 4, 7) Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & 5 & 7 & 6 & 2 & 4 & 3 \\ 2 & -5 & -1 & 4 & -3 & 1 & 7 & -6 \\ 3 & -7 & -4 & 1 & -2 & 6 & 5 & -1 \\ 4 & -6 & 3 & 2 & 1 & -7 & -1 & -5 \\ 5 & -2 & -1 & -6 & 7 & 1 & -3 & 4 \\ 6 & -4 & -7 & -5 & 1 & 3 & -1 & 2 \\ 7 & -3 & 6 & 1 & 5 & -4 & -2 & -1 \end{pmatrix}$$


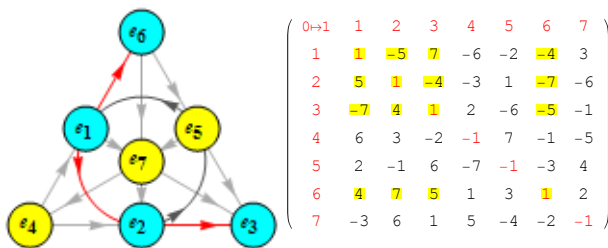
Split=6(1, 2, 4, 5) Not Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & -6 & 4 & 3 & 7 & -2 & 5 \\ 2 & 6 & -1 & -5 & 7 & 3 & -1 & -4 \\ 3 & -4 & 5 & 1 & -1 & 2 & 7 & 6 \\ 4 & -3 & -7 & 1 & -1 & 6 & -5 & 2 \\ 5 & -7 & -3 & -2 & -6 & 1 & -4 & -1 \\ 6 & 2 & 1 & -7 & 5 & 4 & 1 & -3 \\ 7 & -5 & 4 & -6 & -2 & 1 & 3 & -1 \end{pmatrix}$$


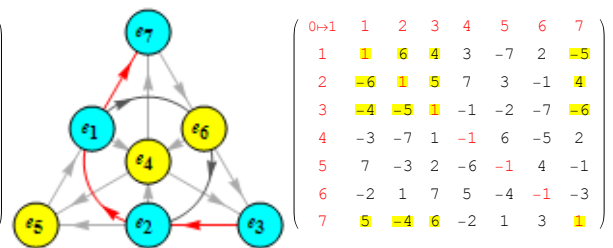
Split=7(1, 2, 3, 6) Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & -5 & -7 & 6 & -2 & 4 & -3 \\ 2 & 5 & 1 & 4 & 3 & 1 & 7 & 6 \\ 3 & 7 & -4 & -1 & 2 & -6 & 5 & -1 \\ 4 & -6 & -3 & -2 & 1 & 7 & -1 & 5 \\ 5 & 2 & -1 & 6 & -7 & -1 & -3 & 4 \\ 6 & -4 & -7 & -5 & 1 & 3 & -1 & 2 \\ 7 & 3 & -6 & 1 & -5 & -4 & -2 & 1 \end{pmatrix}$$


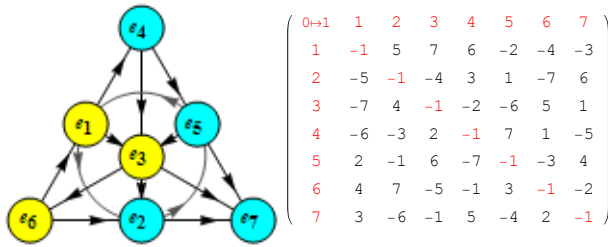
Split=7(1, 2, 3, 7) Not Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & 6 & -4 & -3 & 7 & 2 & 5 \\ 2 & -6 & 1 & -5 & -7 & -3 & -1 & -4 \\ 3 & 4 & 5 & -1 & -1 & -2 & -7 & 6 \\ 4 & 3 & 7 & 1 & 1 & -6 & -5 & 2 \\ 5 & -7 & 3 & 2 & 6 & 1 & 4 & -1 \\ 6 & -2 & 1 & 7 & 5 & -4 & -1 & -3 \\ 7 & -5 & 4 & -6 & -2 & 1 & 3 & -1 \end{pmatrix}$$


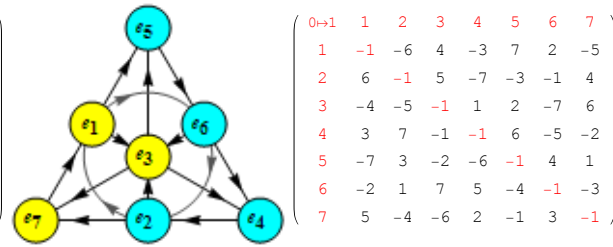
BB56 Flip ((1, 2, 5), (1, 3, 7), (1, 4, 6), (2, 4, 3), (2, 7, 6), (3, 6, 5), (4, 5, 7))

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & -5 & 7 & -6 & -2 & 4 & 3 \\ 2 & 5 & 1 & -4 & -3 & 1 & -7 & -6 \\ 3 & -7 & 4 & -1 & -2 & -6 & 5 & 1 \\ 4 & -6 & -3 & 2 & -1 & 7 & 1 & -5 \\ 5 & 2 & -1 & 6 & -7 & -1 & -3 & 4 \\ 6 & 4 & 7 & 5 & 1 & 3 & 1 & 2 \\ 7 & -3 & 6 & 1 & 5 & -4 & -2 & -1 \end{pmatrix}$$


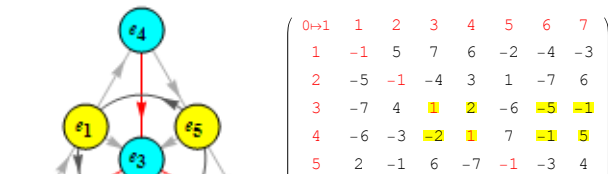
No Flip ((1, 6, 2), (1, 3, 4), (1, 5, 7), (2, 3, 5), (2, 7, 4), (3, 7, 6), (4, 5, 6))

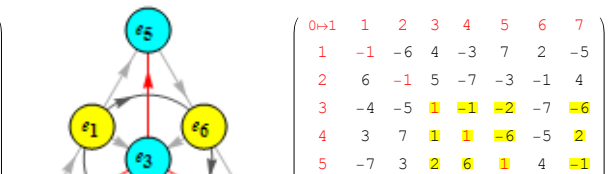
$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & 1 & 6 & 4 & 3 & -7 & 2 & -5 \\ 2 & -6 & 1 & 5 & 7 & 3 & -1 & 4 \\ 3 & -4 & -5 & 1 & -1 & -2 & -7 & -6 \\ 4 & -3 & -7 & 1 & -1 & 6 & -5 & 2 \\ 5 & 7 & -3 & 2 & -6 & -1 & 4 & -1 \\ 6 & -2 & 1 & 7 & 5 & -4 & -1 & -3 \\ 7 & 5 & -4 & 6 & -2 & 1 & 3 & 1 \end{pmatrix}$$


Split=1(3, 4, 6, 7) Flipped

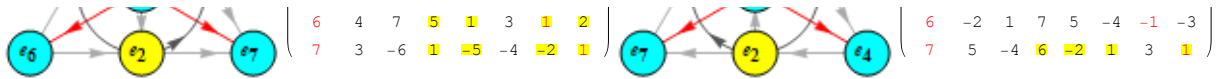
$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & -1 & 5 & 7 & 6 & -2 & -4 & -3 \\ 2 & -5 & -1 & -4 & 3 & 1 & -7 & 6 \\ 3 & -7 & 4 & -1 & -2 & -6 & 5 & 1 \\ 4 & -6 & -3 & 2 & -1 & 7 & 1 & -5 \\ 5 & 2 & -1 & 6 & -7 & -1 & -3 & 4 \\ 6 & 4 & 7 & -5 & -1 & 3 & -1 & -2 \\ 7 & 3 & -6 & -1 & 5 & -4 & 2 & -1 \end{pmatrix}$$


Split=1(3, 4, 5, 7) Not Flipped

$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & -1 & -6 & 4 & -3 & 7 & 2 & -5 \\ 2 & 6 & -1 & 5 & -7 & -3 & -1 & 4 \\ 3 & -4 & -5 & -1 & 1 & 2 & -7 & 6 \\ 4 & 3 & 7 & -1 & -1 & 6 & -5 & -2 \\ 5 & -7 & 3 & -2 & -6 & -1 & 4 & 1 \\ 6 & -2 & 1 & 7 & 5 & -4 & -1 & -3 \\ 7 & 5 & -4 & -6 & 2 & -1 & 3 & -1 \end{pmatrix}$$


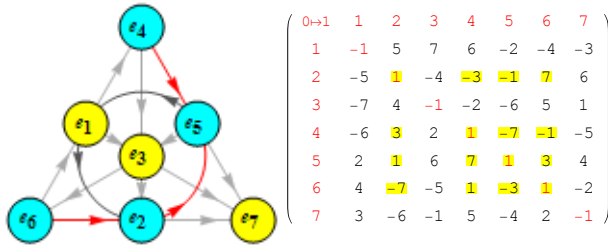
$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & -1 & 5 & 7 & 6 & -2 & -4 & -3 \\ 2 & -5 & -1 & -4 & 3 & 1 & -7 & 6 \\ 3 & -7 & 4 & 1 & 2 & -6 & -5 & 1 \\ 4 & -6 & -3 & -2 & 1 & 7 & -1 & 5 \\ 5 & 2 & -1 & 6 & -7 & -1 & -3 & 4 \end{pmatrix}$$


$$\begin{pmatrix} 0 \rightarrow 1 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1 & -1 & -6 & 4 & -3 & 7 & 2 & -5 \\ 2 & 6 & -1 & 5 & -7 & -3 & -1 & 4 \\ 3 & -4 & -5 & 1 & -1 & 2 & -7 & 6 \\ 4 & 3 & 7 & 1 & 1 & -6 & -5 & 2 \\ 5 & -7 & 3 & -2 & -6 & -1 & 4 & 1 \end{pmatrix}$$

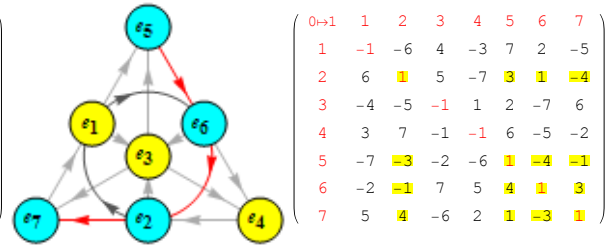


Split=2(2, 4, 5, 6) Flipped

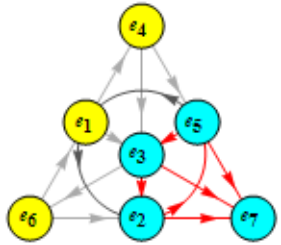
Split=2(2, 5, 6, 7) Not Flipped



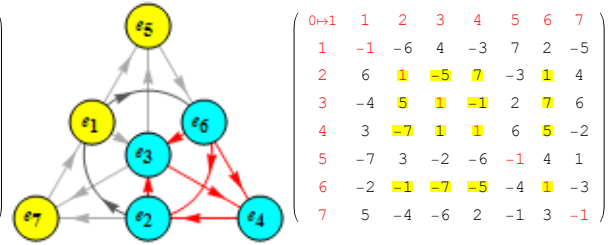
Split=3(2, 3, 5, 7) Flipped



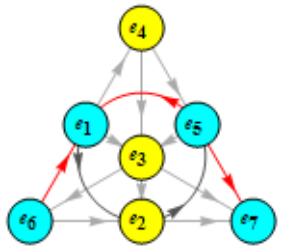
Split=3(2, 3, 4, 6) Not Flipped



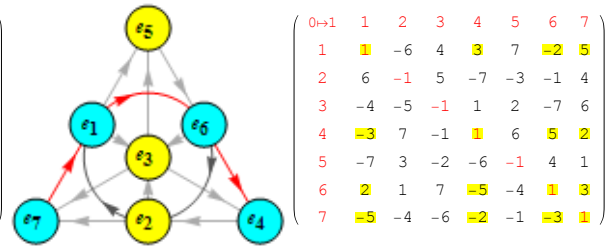
Split=4(1, 5, 6, 7) Flipped



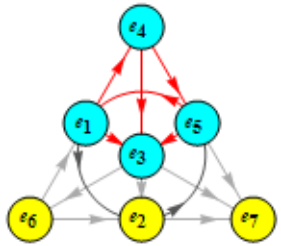
Split=4(1, 4, 6, 7) Not Flipped



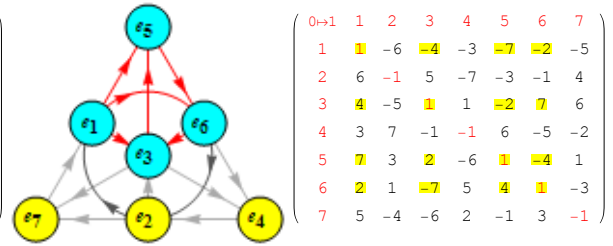
Split=5(1, 3, 4, 5) Flipped



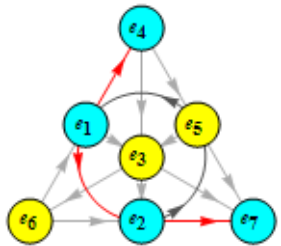
Split=5(1, 3, 5, 6) Not Flipped



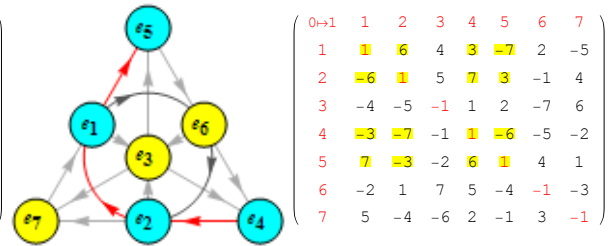
Split=6(1, 2, 4, 7) Flipped



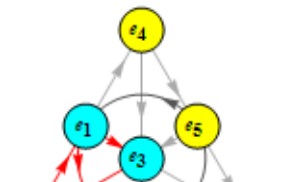
Split=6(1, 2, 4, 5) Not Flipped



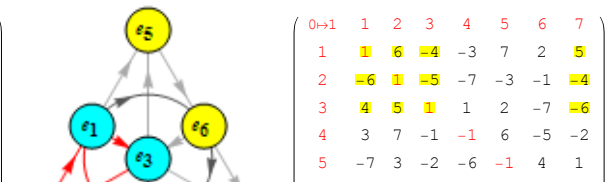
Split=7(1, 2, 3, 6) Flipped



Split=7(1, 2, 3, 7) Not Flipped

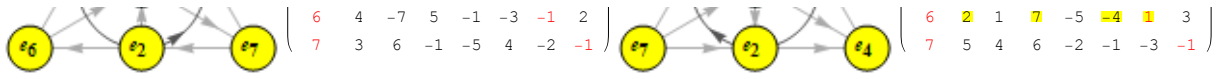


Split=7(1, 2, 3, 6) Flipped



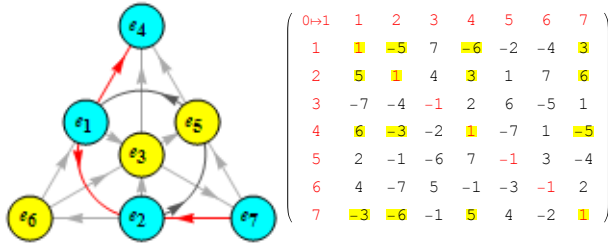
Split=7(1, 2, 3, 7) Not Flipped



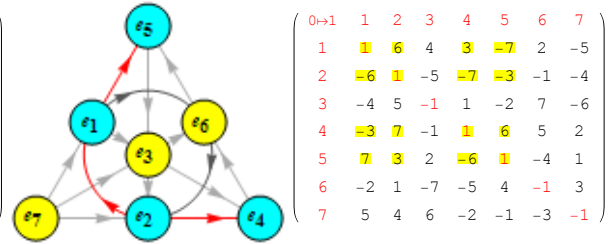


Split=6(1, 2, 4, 7) Flipped

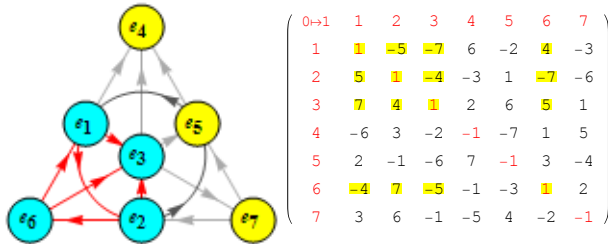
Split=6(1, 2, 4, 5) Not Flipped



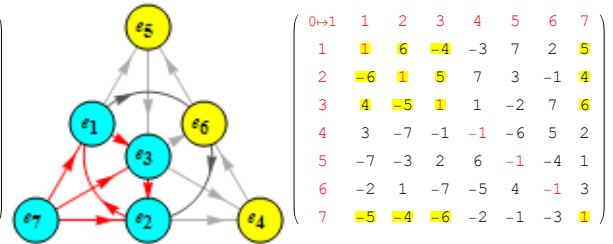
Split=7(1, 2, 3, 6) Flipped



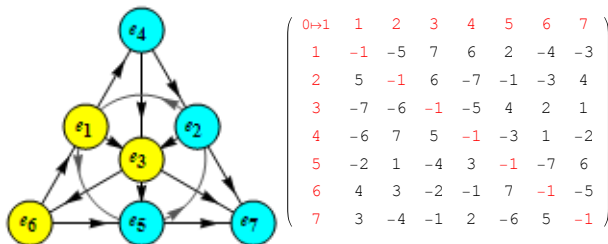
Split=7(1, 2, 3, 7) Not Flipped



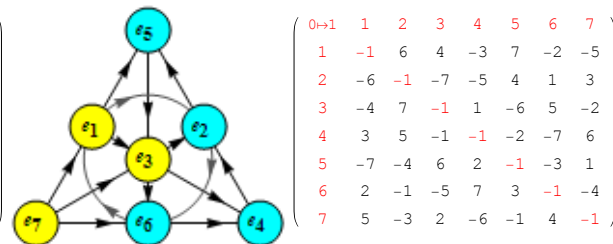
EBM11 Flip ((1, 5, 2), (1, 3, 7), (1, 4, 6), (2, 3, 6), (2, 7, 4), (3, 5, 4), (5, 7, 6))



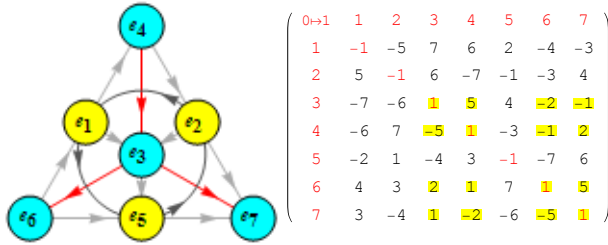
No Flip ((1, 2, 6), (1, 3, 4), (1, 5, 7), (2, 7, 3), (2, 5, 4), (3, 6, 5), (4, 7, 6))



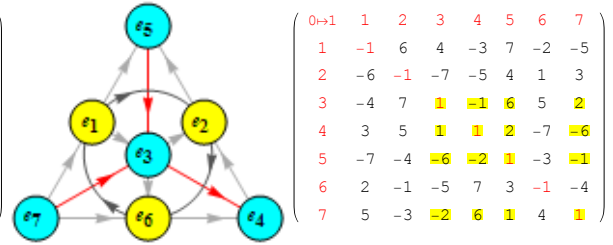
Split=1(3, 4, 6, 7) Flipped



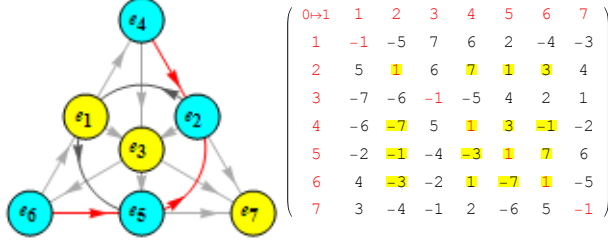
Split=1(3, 4, 5, 7) Not Flipped



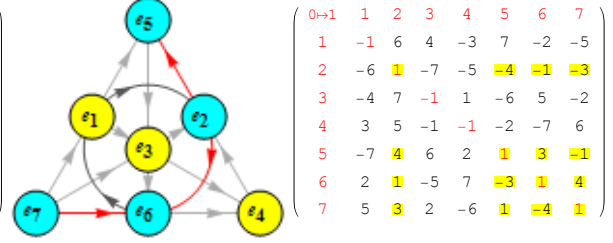
Split=2(2, 4, 5, 6) Flipped



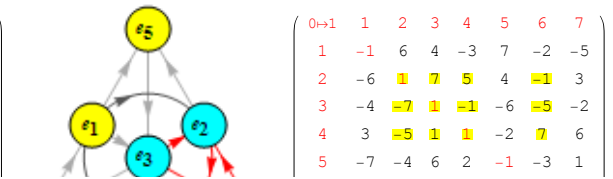
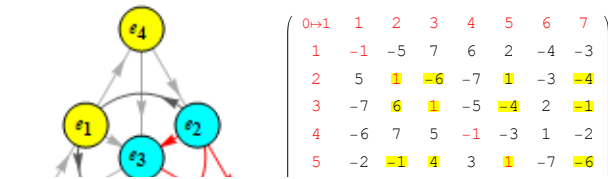
Split=2(2, 5, 6, 7) Not Flipped

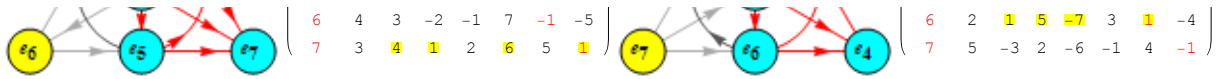


Split=3(2, 3, 5, 7) Flipped



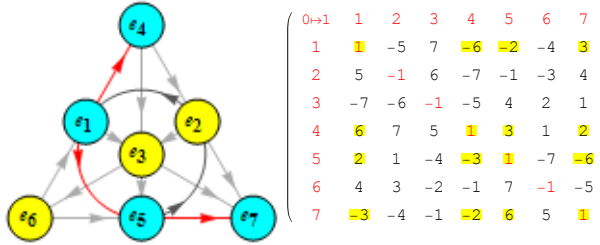
Split=3(2, 3, 4, 6) Not Flipped



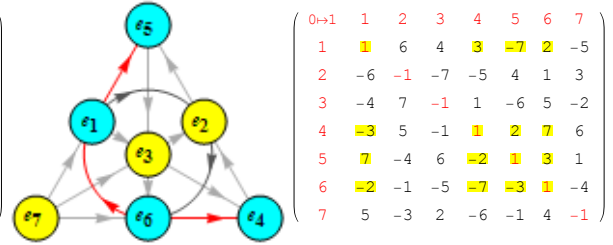


Split={1, 4, 5, 7} Flipped

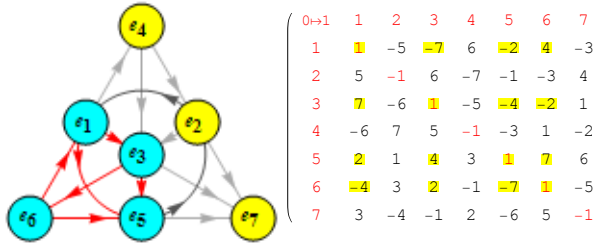
Split={1, 4, 5, 6} Not Flipped



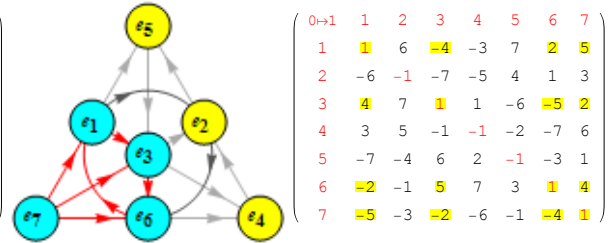
Split={1, 3, 5, 6} Flipped



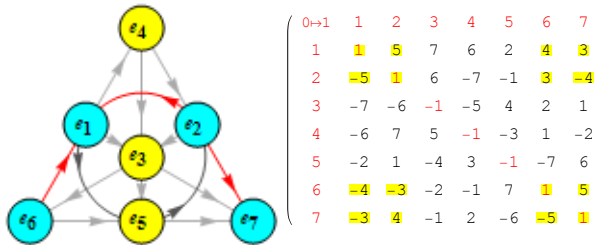
Split={1, 3, 6, 7} Not Flipped



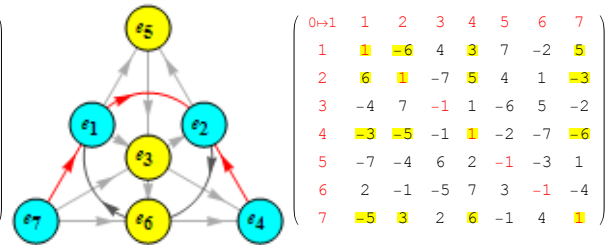
Split={1, 2, 6, 7} Flipped



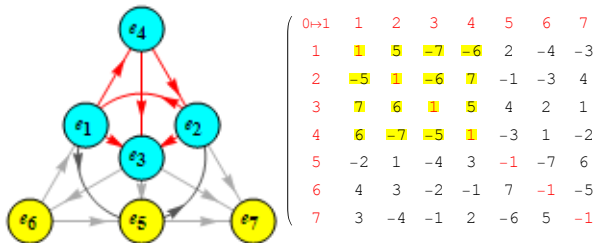
Split={1, 2, 4, 7} Not Flipped



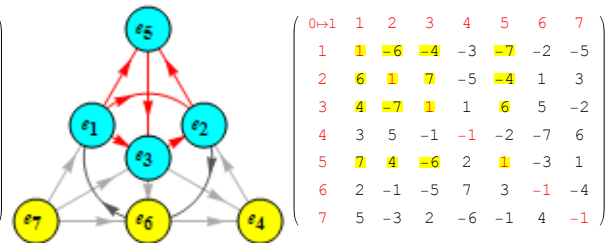
Split={1, 2, 3, 4} Flipped



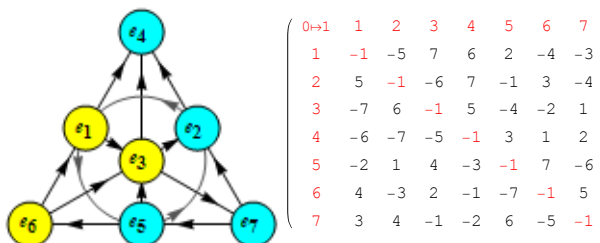
Split={1, 2, 3, 5} Not Flipped



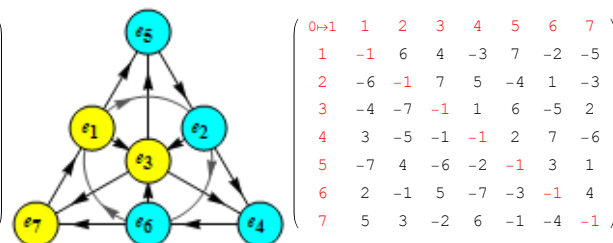
E8M242 Flip {{1, 5, 2}, {1, 3, 7}, {1, 4, 6}, {2, 6, 3}, {2, 4, 7}, {3, 4, 5}, {5, 6, 7}}



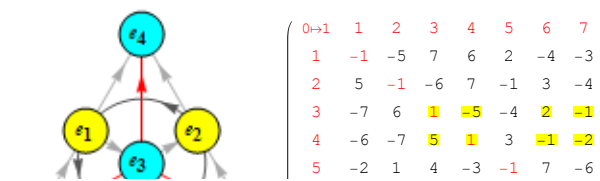
No Flip {{1, 2, 6}, {1, 3, 4}, {1, 5, 7}, {2, 3, 7}, {2, 4, 5}, {3, 5, 6}, {4, 6, 7}}



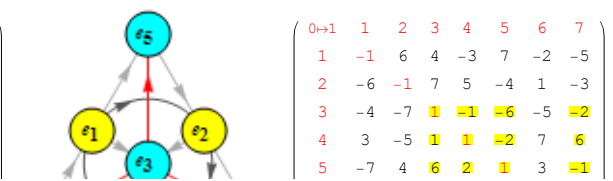
Split={3, 4, 6, 7} Flipped



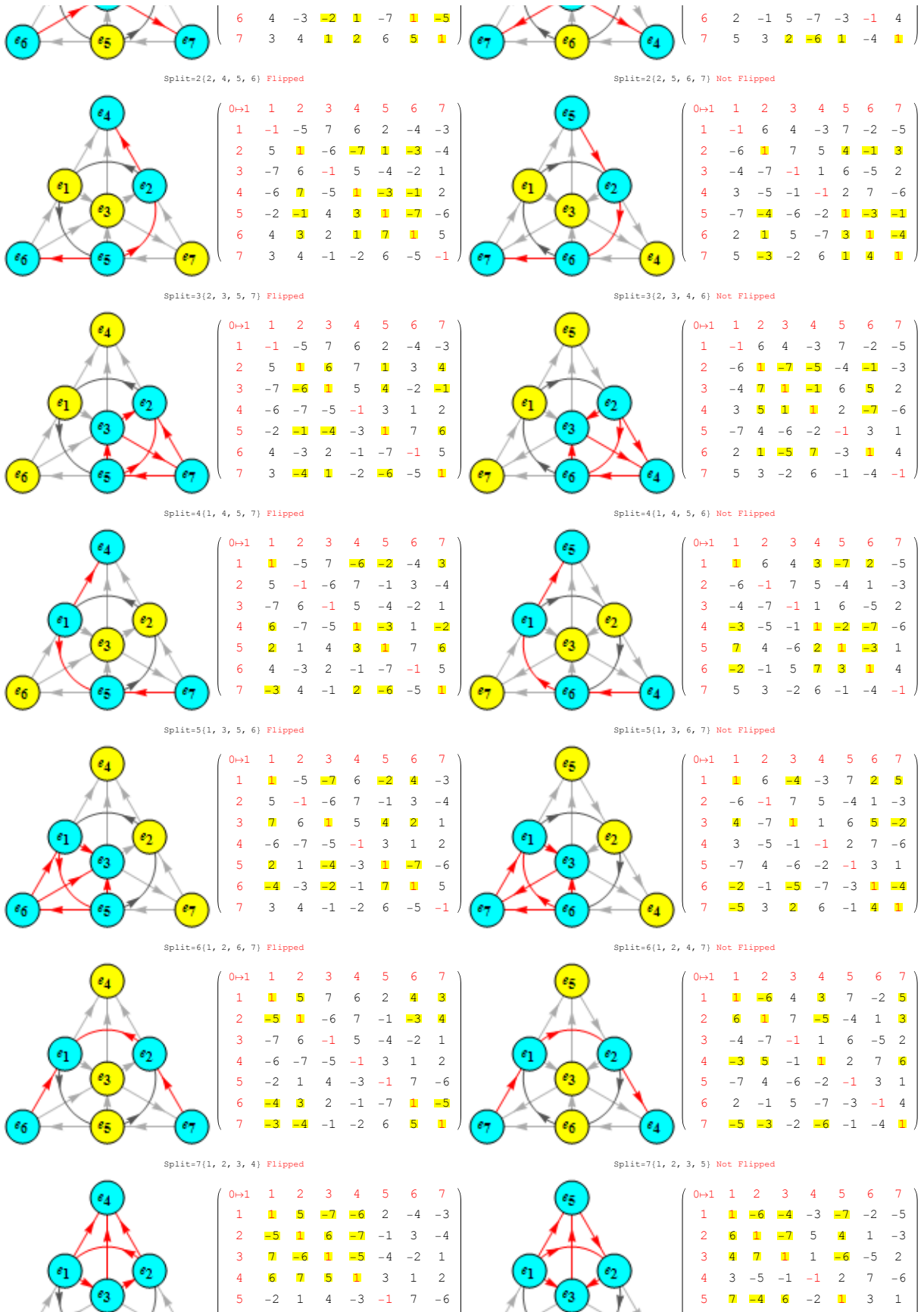
Split={3, 4, 5, 7} Not Flipped



Split={3, 4, 5, 7} Flipped

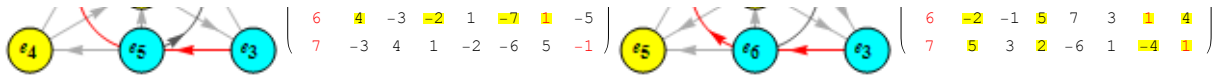


Split={3, 4, 5, 7} Not Flipped



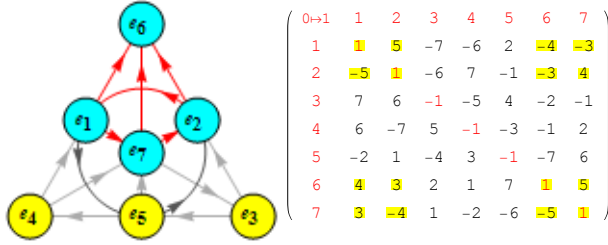




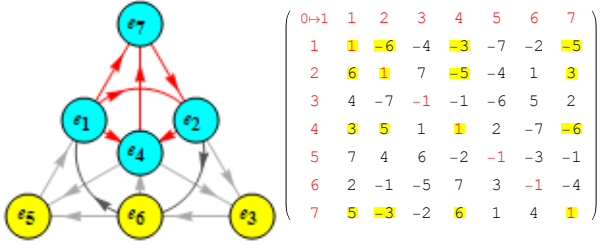


Split=6{1, 2, 6, 7} Flipped

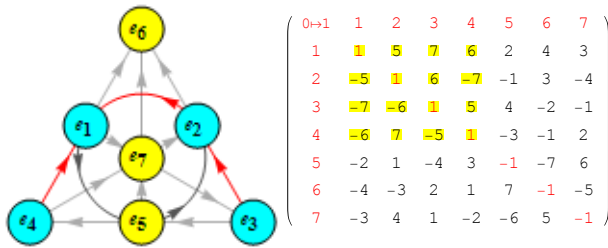
Split=6{1, 2, 4, 7} Not Flipped



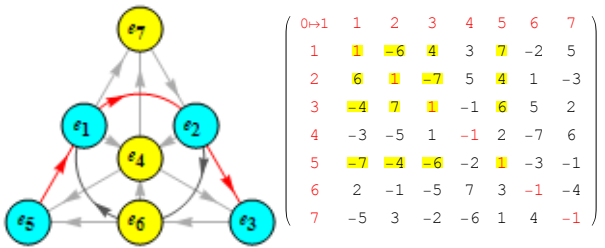
Split=7{1, 2, 3, 4} Flipped



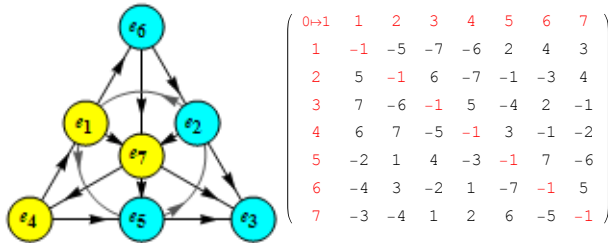
Split=7{1, 2, 3, 5} Not Flipped



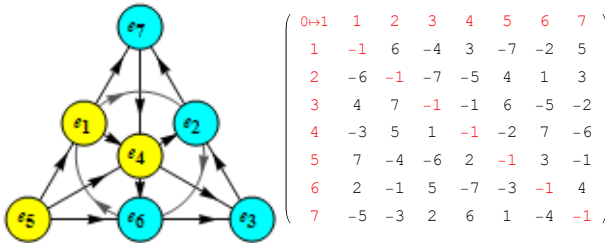
EB8236 Flip {{1, 5, 2}, {1, 7, 3}, {1, 6, 4}, {2, 3, 6}, {2, 7, 4}, {3, 4, 5}, {5, 6, 7}}



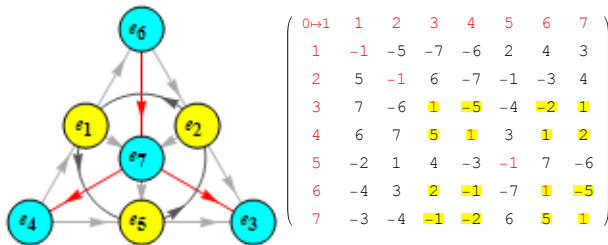
No Flip {{1, 2, 6}, {1, 4, 3}, {1, 7, 5}, {2, 7, 3}, {2, 5, 4}, {3, 5, 6}, {4, 6, 7}}



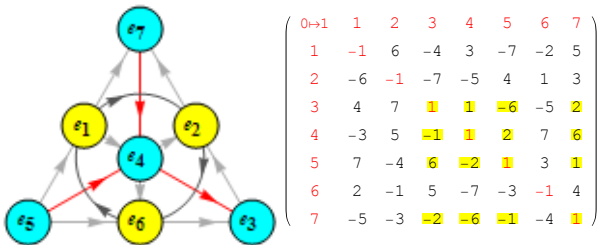
Split=1{3, 4, 6, 7} Flipped



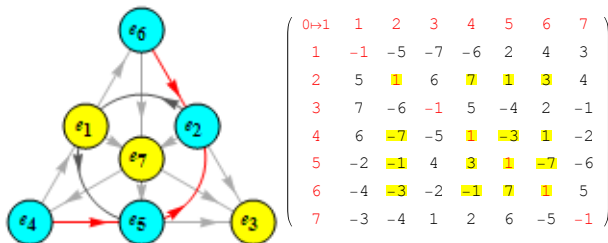
Split=1{3, 4, 5, 7} Not Flipped



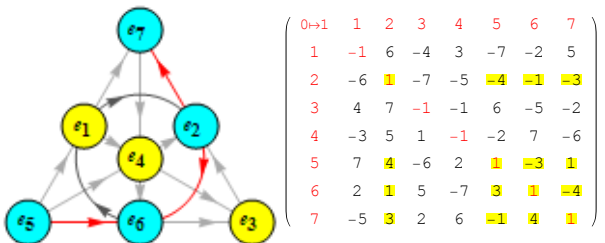
Split=2{2, 4, 5, 6} Flipped



Split=2{2, 5, 6, 7} Not Flipped



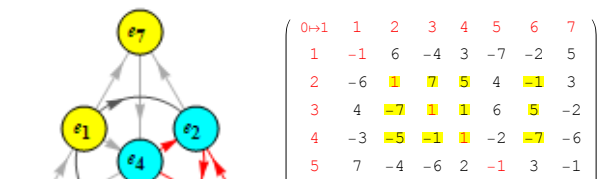
Split=3{2, 3, 5, 7} Flipped



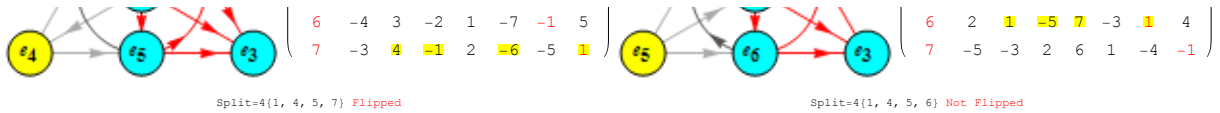
Split=3{2, 3, 4, 6} Not Flipped



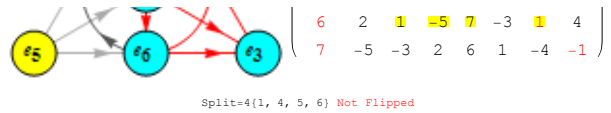
Split=3{2, 3, 5, 7} Flipped



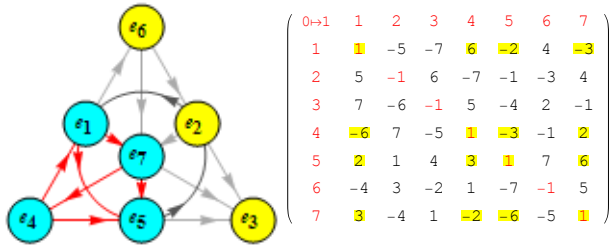
Split=3{2, 3, 4, 6} Not Flipped



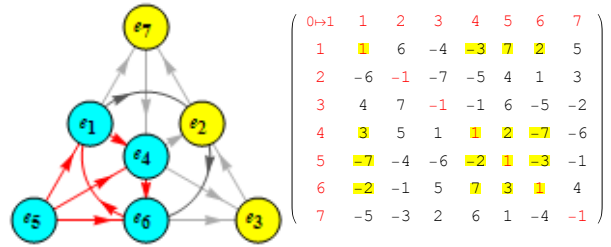
6	-4	3	-2	1	-7	-1	5
7	-3	4	-1	2	-6	-5	1



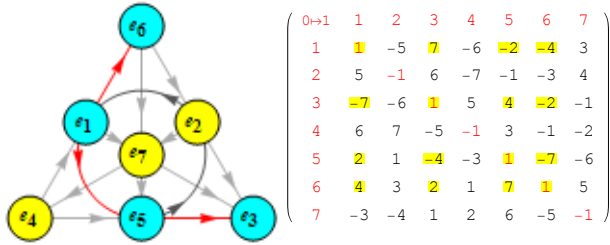
6	2	1	-5	7	-3	1	4
7	-5	-3	2	6	1	-4	-1



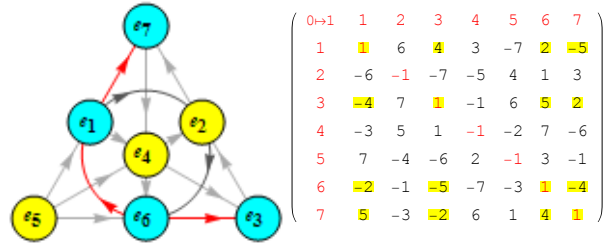
0→1	1	2	3	4	5	6	7
1	1	-5	-7	6	-2	4	-3
2	5	-1	6	-7	-1	-3	4
3	7	-6	-1	5	-4	2	-1
4	-6	7	-5	1	-3	-1	2
5	2	1	4	3	1	7	6
6	-4	3	-2	1	-7	-1	5
7	3	-4	1	-2	-6	-5	1



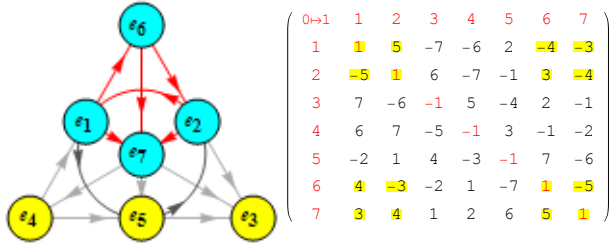
0→1	1	2	3	4	5	6	7
1	1	6	-4	-3	7	2	5
2	-6	-1	-7	-5	4	1	3
3	4	7	-1	-1	6	-5	-2
4	3	5	1	1	2	-7	-6
5	-7	-4	-6	-2	1	-3	-1
6	-2	-1	5	7	3	1	4
7	-5	-3	2	6	1	-4	-1



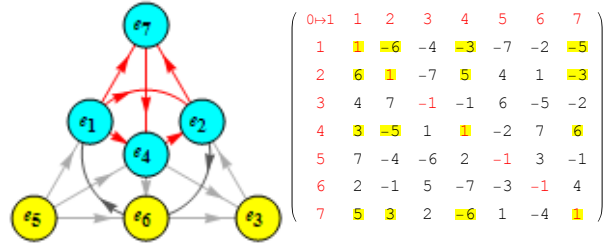
0→1	1	2	3	4	5	6	7
1	1	-5	7	-6	-2	4	3
2	5	-1	6	-7	-1	-3	4
3	-7	-6	1	5	4	-2	-1
4	6	7	-5	-1	3	-1	-2
5	2	1	-4	-3	1	-7	-6
6	4	3	2	1	7	1	5
7	-3	-4	1	2	6	-5	-1



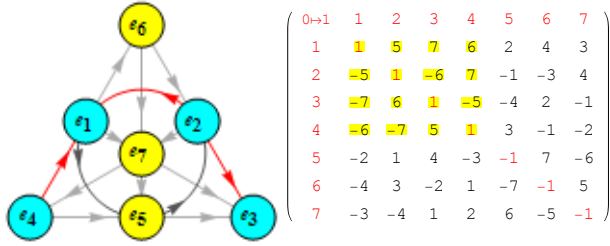
0→1	1	2	3	4	5	6	7
1	1	6	4	3	-7	2	-5
2	-6	-1	-7	-5	4	1	3
3	-4	7	1	-1	6	5	2
4	-3	5	1	-1	-2	7	-6
5	7	-4	-6	2	-1	3	-1
6	-2	-1	-5	-7	-3	1	-4
7	5	-3	-2	6	1	4	1



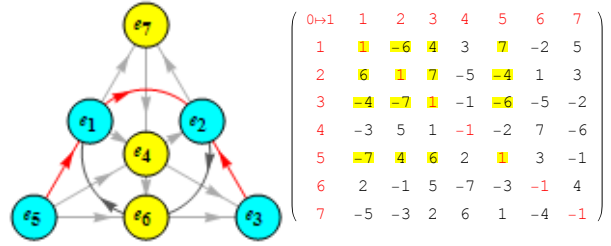
0→1	1	2	3	4	5	6	7
1	1	5	-7	-6	2	-4	-3
2	-5	1	6	-7	-1	3	-4
3	7	-6	-1	5	-4	2	-1
4	6	7	-5	-1	3	-1	-2
5	-2	1	4	-3	-1	7	-6
6	4	-3	-2	1	-7	1	-5
7	3	4	1	2	6	5	1



0→1	1	2	3	4	5	6	7
1	1	-6	-4	-3	-7	-2	-5
2	6	1	-7	5	4	1	-3
3	4	7	-1	-1	6	-5	-2
4	3	-5	1	1	-2	7	6
5	7	-4	-6	2	-1	3	-1
6	2	-1	5	-7	-3	-1	4
7	5	3	2	-6	1	-4	1



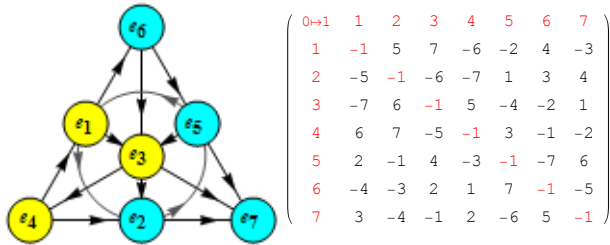
0→1	1	2	3	4	5	6	7
1	1	5	7	6	2	4	3
2	-5	1	-6	7	-1	-3	4
3	-7	6	1	-5	-4	2	-1
4	-6	-7	5	1	3	-1	-2
5	-2	1	4	-3	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	-3	-4	1	2	6	-5	-1



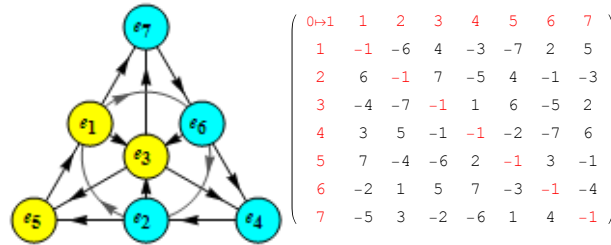
0→1	1	2	3	4	5	6	7
1	1	-6	4	3	7	-2	5
2	6	1	7	-5	-4	1	3
3	-4	-7	1	-1	-6	-5	-2
4	-3	5	1	-1	-2	7	-6
5	-7	4	6	2	1	3	-1
6	2	-1	5	-7	-3	-1	4
7	-5	-3	2	6	1	-4	-1

BB#97 Flip {(1, 2, 5), (1, 3, 7), (1, 6, 4), (2, 6, 3), (2, 7, 4), (3, 4, 5), (5, 7, 6)}

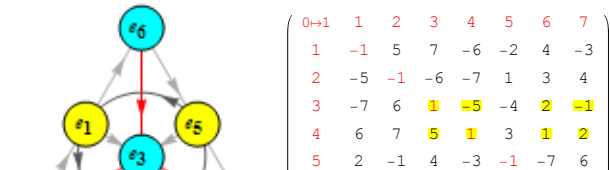
No Flip {(1, 6, 2), (1, 3, 4), (1, 7, 5), (2, 3, 7), (2, 5, 4), (3, 5, 6), (4, 7, 6)}



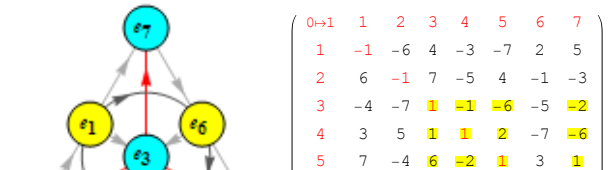
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	-6	-7	1	3	4
3	-7	6	-1	5	-4	-2	1
4	6	7	-5	-1	3	-1	-2
5	2	-1	4	-3	-1	-7	6
6	-4	-3	2	1	7	-1	-5
7	3	-4	-1	2	-6	5	-1



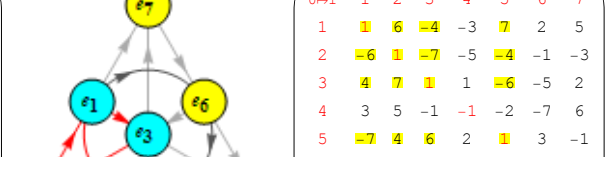
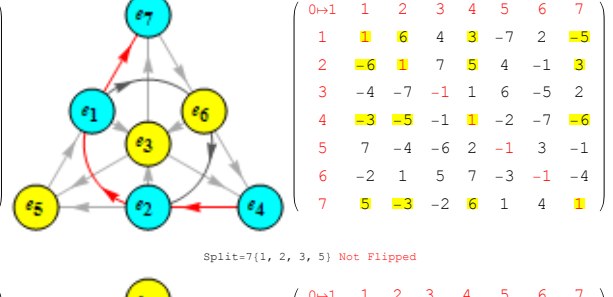
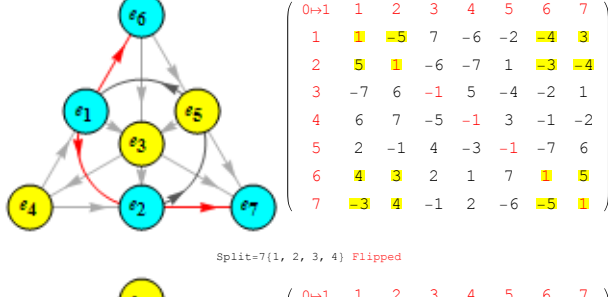
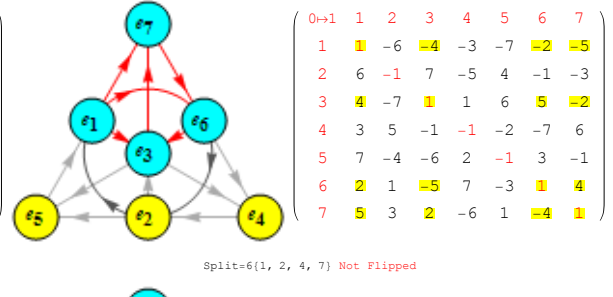
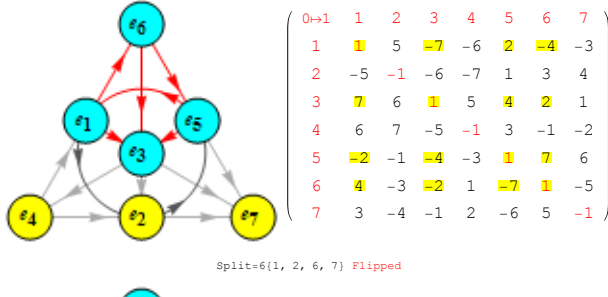
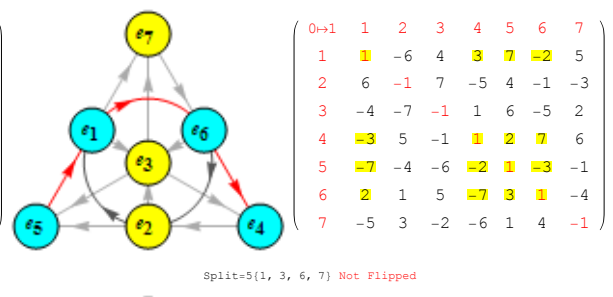
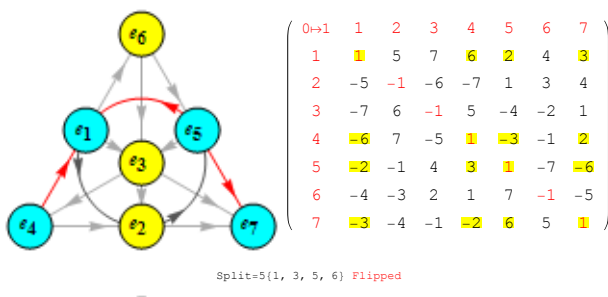
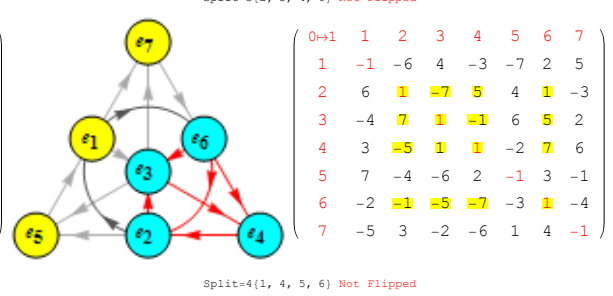
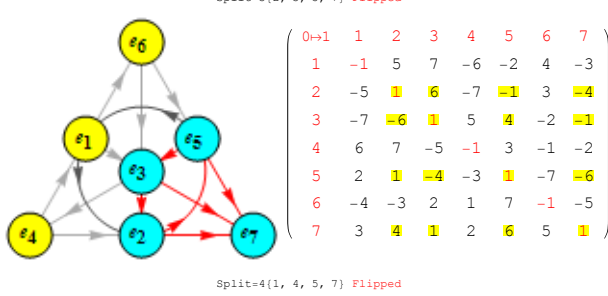
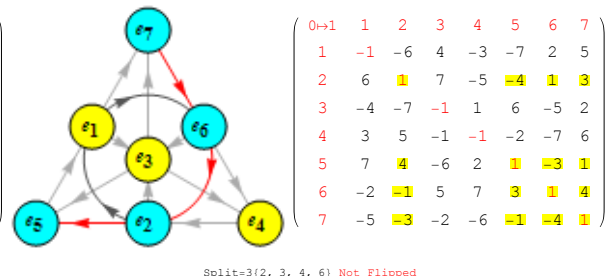
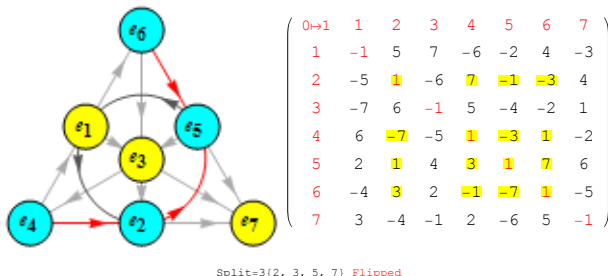
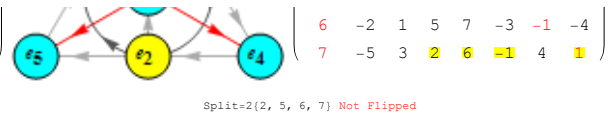
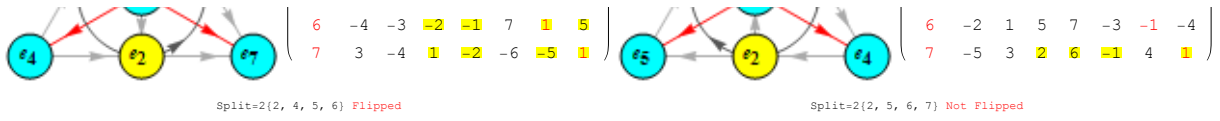
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	7	-5	4	-1	-3
3	-4	-7	-1	1	6	-5	2
4	3	5	-1	-1	-2	-7	6
5	7	-4	-6	2	-1	3	-1
6	-2	1	5	7	-3	-1	-4
7	-5	3	-2	-6	1	4	-1

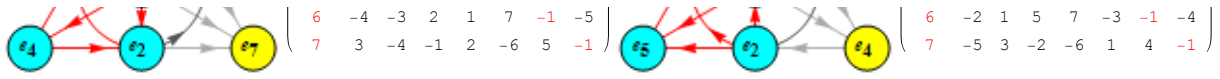


0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	-6	-7	1	3	4
3	-7	6	1	-5	-4	2	-1
4	6	7	5	1	3	1	2
5	2	-1	4	-3	-1	-7	6



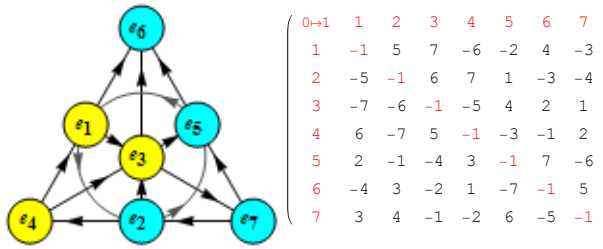
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	7	-5	4	-1	-3
3	-4	-7	1	-1	-6	-5	-2
4	3	5	1	1	2	-7	-6
5	7	-4	6	-2	1	3	1





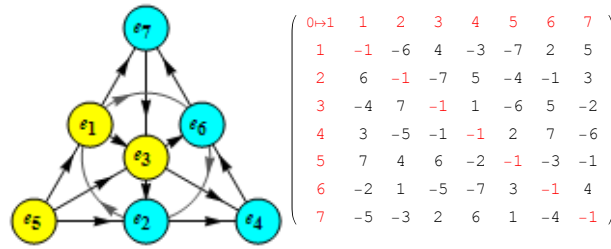
EBH231 Flip  $\{(1, 2, 5), (1, 3, 7), (1, 6, 4), (2, 3, 6), (2, 4, 7), (3, 5, 4), (5, 6, 7)\}$

No Flip  $\{(1, 6, 2), (1, 3, 4), (1, 7, 5), (2, 7, 3), (2, 4, 5), (3, 6, 5), (4, 6, 7)\}$



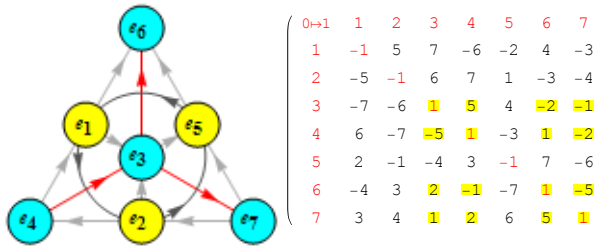
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	-5	4	2	1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=1(3, 4, 6, 7) Flipped



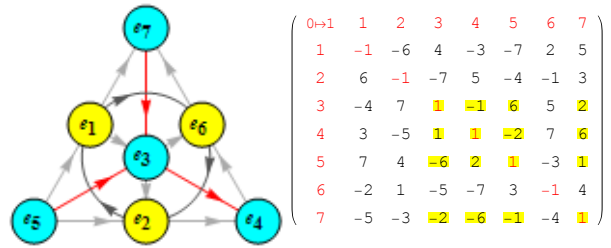
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	-2
4	3	-5	-1	-1	2	7	-6
5	7	4	6	-2	-1	-3	-1
6	-2	1	-5	-7	3	-1	4
7	-5	-3	2	6	1	-4	-1

Split=1(3, 4, 5, 7) Not Flipped



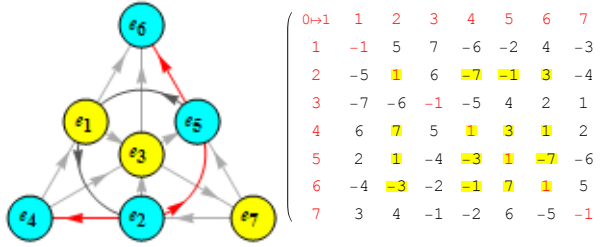
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	5	4	-2	-1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6
6	-4	3	-2	-1	-7	-1	5
7	3	4	-1	2	6	5	-1

Split=2(2, 4, 5, 6) Flipped



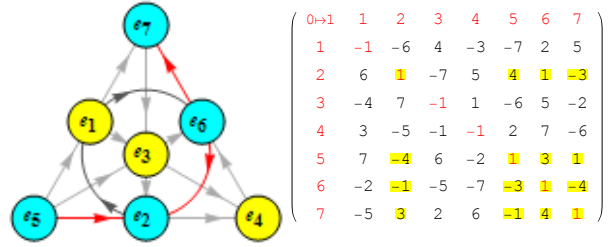
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	2
4	3	-5	-1	-1	2	7	6
5	7	4	6	-2	-1	-3	-1
6	-2	1	-5	-7	3	-1	4
7	-5	-3	2	6	1	-4	-1

Split=2(2, 5, 6, 7) Not Flipped



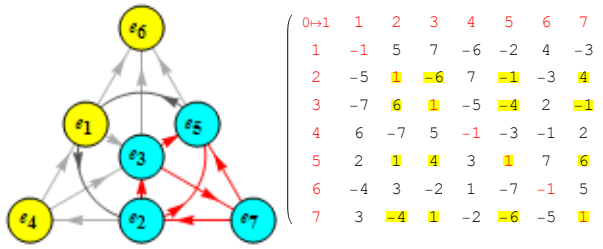
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	-5	4	2	1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6
6	-4	3	-2	-1	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=3(2, 3, 5, 7) Flipped



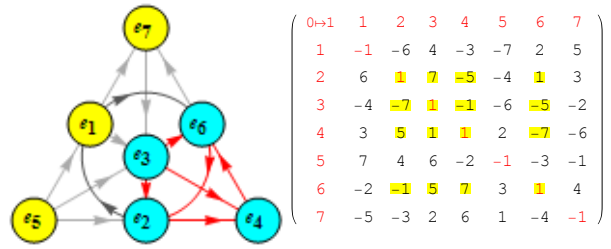
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	-2
4	3	-5	-1	-1	2	7	-6
5	7	4	6	-2	-1	-3	-1
6	-2	1	-5	-7	3	-1	4
7	-5	-3	2	6	1	-4	-1

Split=3(2, 3, 4, 6) Not Flipped



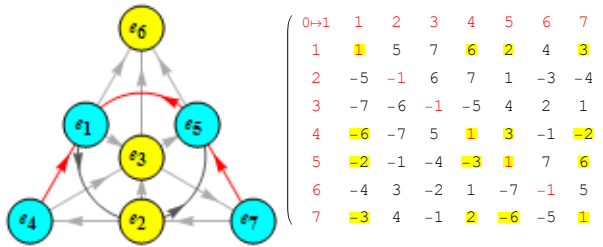
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	-5	-4	2	-1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=4(1, 4, 5, 7) Flipped



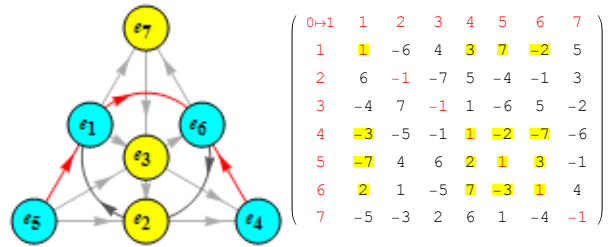
0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	-2
4	3	-5	-1	-1	2	7	-6
5	7	4	6	-2	-1	-3	-1
6	-2	1	-5	-7	3	-1	4
7	-5	-3	2	6	1	-4	-1

Split=4(1, 4, 5, 6) Not Flipped



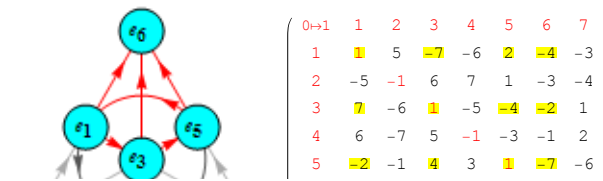
0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	-5	4	2	1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=5(1, 3, 5, 6) Flipped

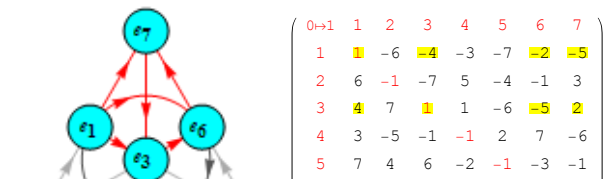


0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	-2
4	3	-5	-1	-1	2	7	-6
5	7	4	6	-2	-1	-3	-1
6	-2	1	-5	-7	3	-1	4
7	-5	-3	2	6	1	-4	-1

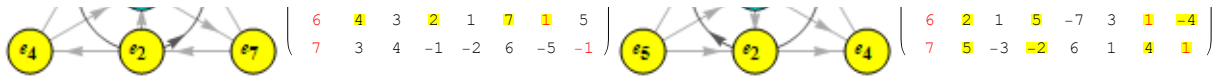
Split=5(1, 3, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	5	7	-6	-2	4	-3
2	-5	-1	6	7	1	-3	-4
3	-7	-6	-1	-5	-4	2	1
4	6	-7	5	-1	-3	-1	2
5	2	-1	-4	3	-1	7	-6

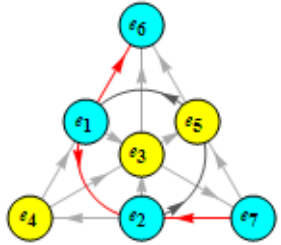


0→1	1	2	3	4	5	6	7
1	-1	-6	4	-3	-7	2	5
2	6	-1	-7	5	-4	-1	3
3	-4	7	-1	1	-6	5	-2
4	3	-5	-1	-1	2	7	-6
5	7	4	6	-2	-1	-3	-1

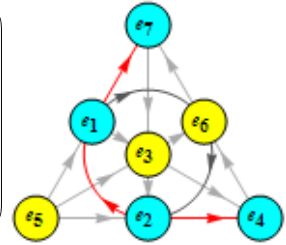


Split=6(1, 2, 6, 7) Flipped

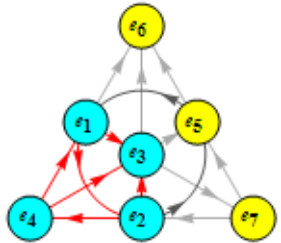
Split=6(1, 2, 4, 7) Not Flipped



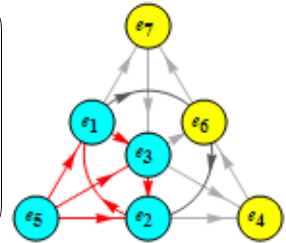
Split=7(1, 2, 3, 4) Flipped



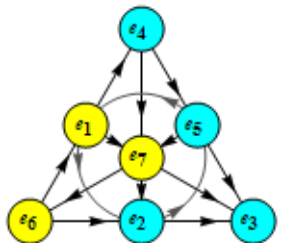
Split=7(1, 2, 3, 5) Not Flipped



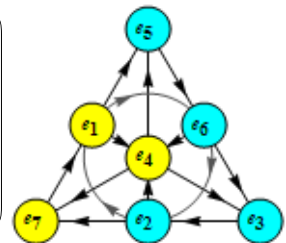
EBM101 Flip ((1, 2, 5), (1, 7, 3), (1, 4, 6), (2, 3, 6), (2, 4, 7), (3, 4, 5), (5, 7, 6))



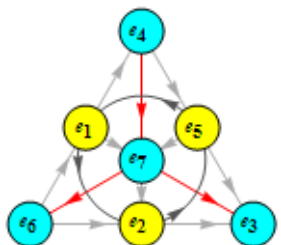
No Flip ((1, 6, 2), (1, 4, 3), (1, 5, 7), (2, 7, 3), (2, 4, 5), (3, 5, 6), (4, 7, 6))



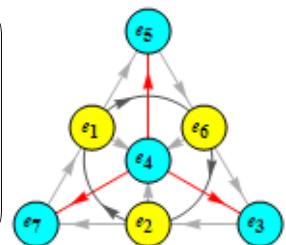
Split=1(3, 4, 6, 7) Flipped



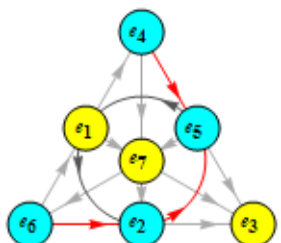
Split=1(3, 4, 5, 7) Not Flipped



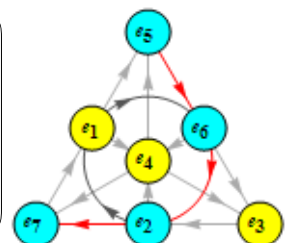
Split=2(2, 4, 5, 6) Flipped



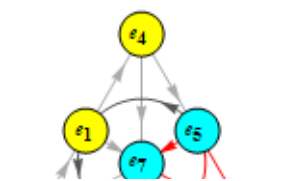
Split=2(2, 5, 6, 7) Not Flipped



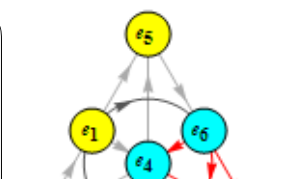
Split=3(2, 3, 5, 7) Flipped



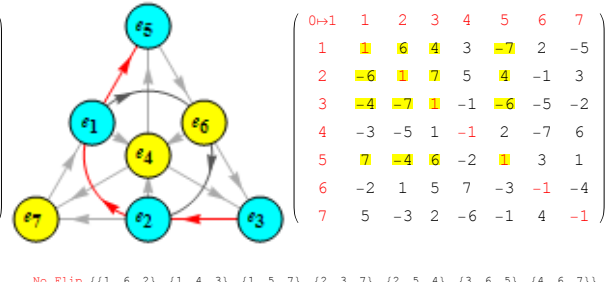
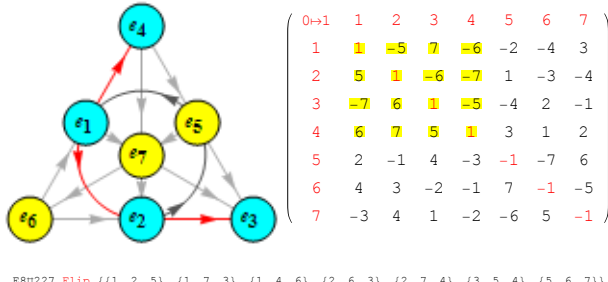
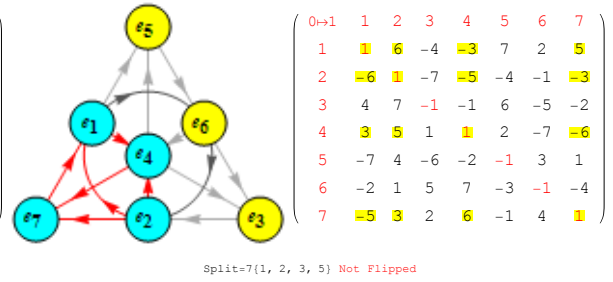
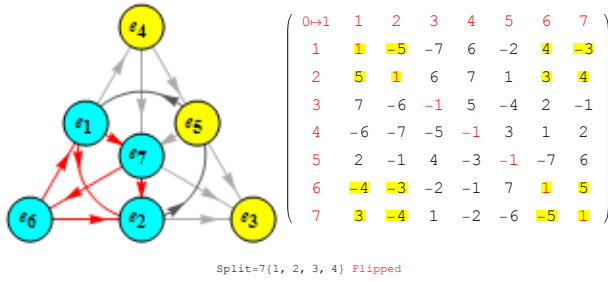
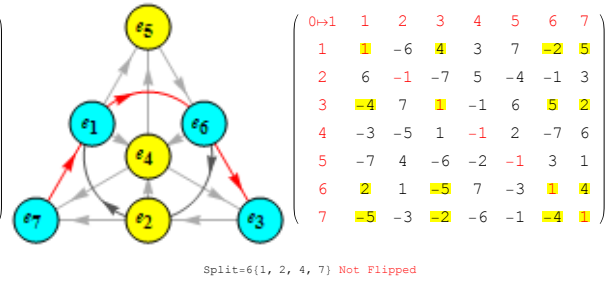
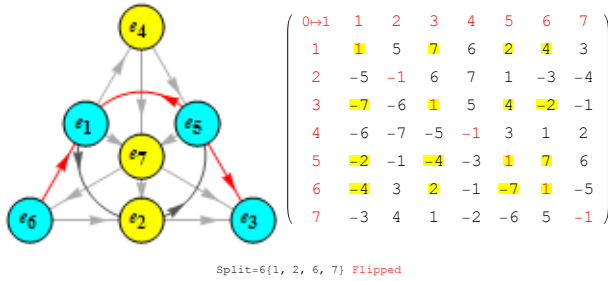
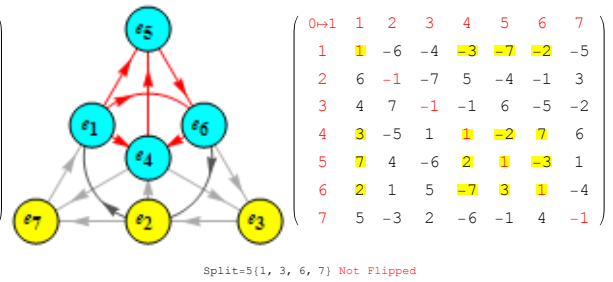
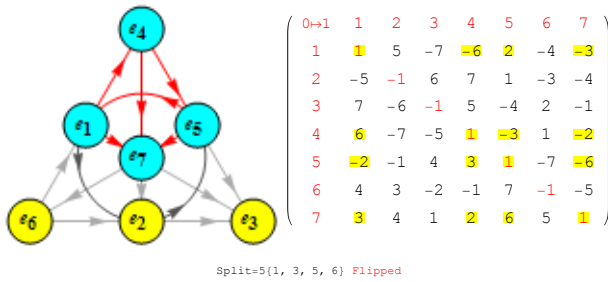
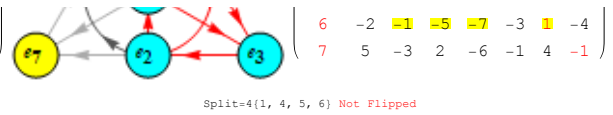
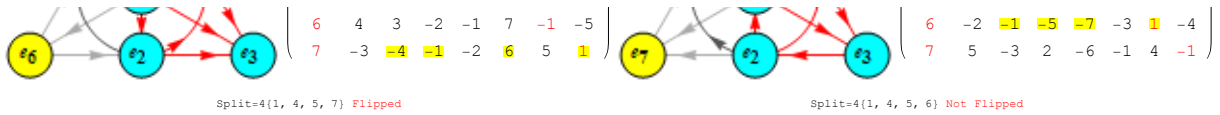
Split=3(2, 3, 4, 6) Not Flipped



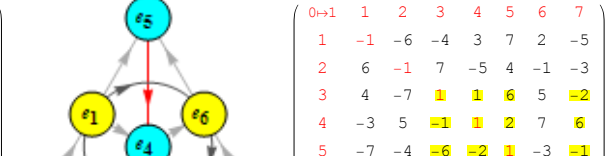
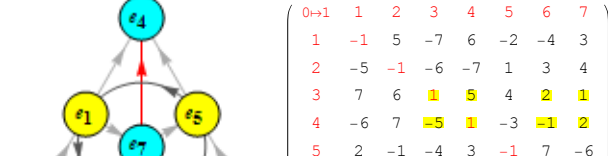
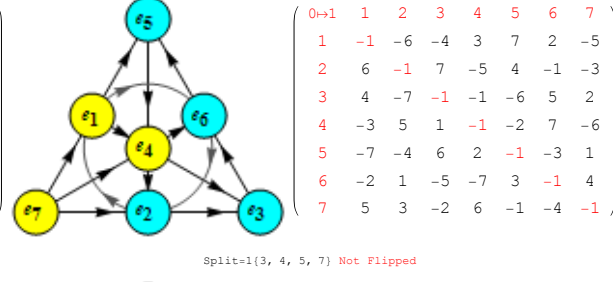
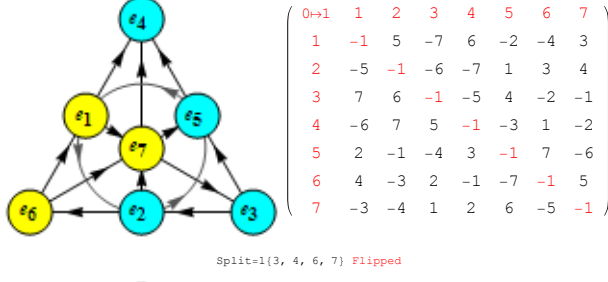
Split=3(2, 3, 5, 7) Flipped

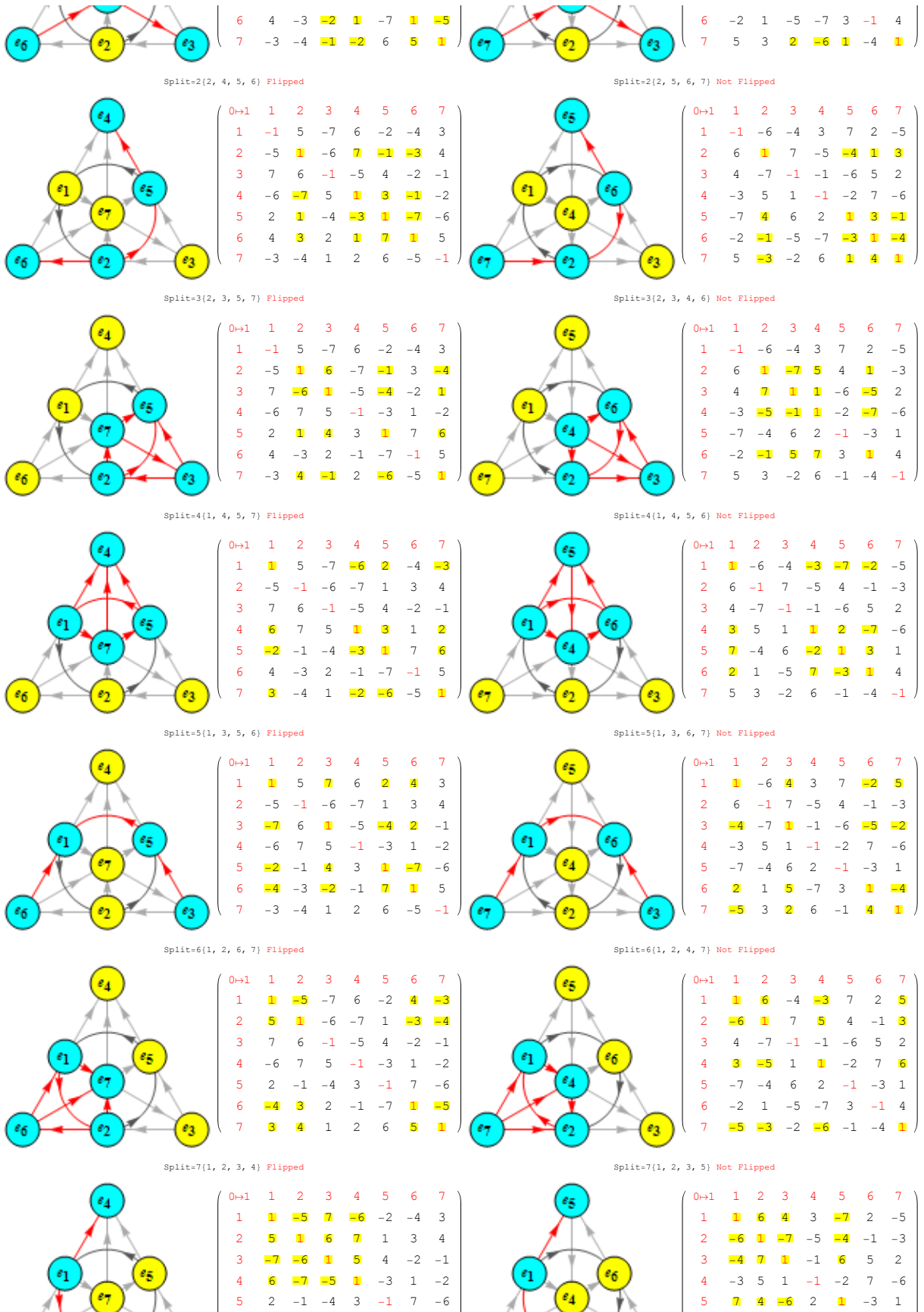


Split=3(2, 3, 4, 6) Not Flipped

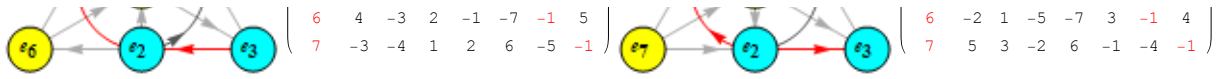


EBH227 Flip {(1, 2, 5), (1, 7, 3), (1, 4, 6), (2, 6, 3), (2, 7, 4), (3, 5, 4), (5, 6, 7)} No Flip {(1, 6, 2), (1, 4, 3), (1, 5, 7), (2, 3, 7), (2, 5, 4), (3, 6, 5), (4, 6, 7)}



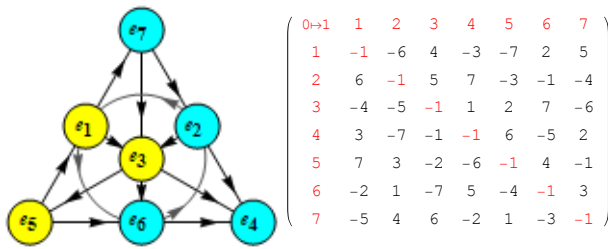




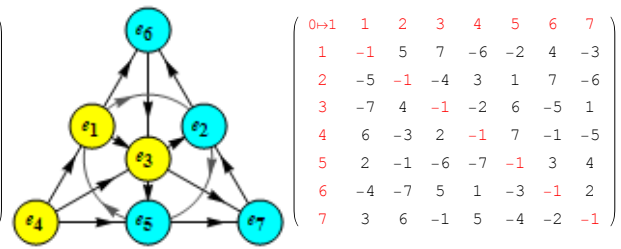


EBH178 Flip  $\{(1, 6, 2), (1, 3, 4), (1, 7, 5), (2, 3, 5), (2, 4, 7), (3, 6, 7), (4, 5, 6)\}$

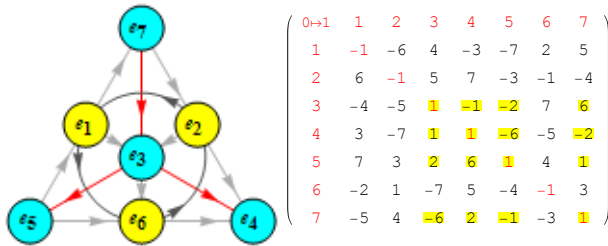
No Flip  $\{(1, 2, 5), (1, 3, 7), (1, 6, 4), (2, 4, 3), (2, 6, 7), (3, 5, 6), (4, 5, 7)\}$



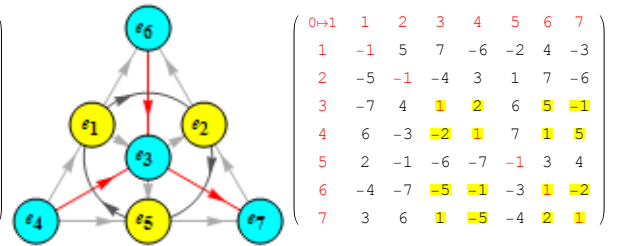
Split=1(3, 4, 5, 7) Flipped



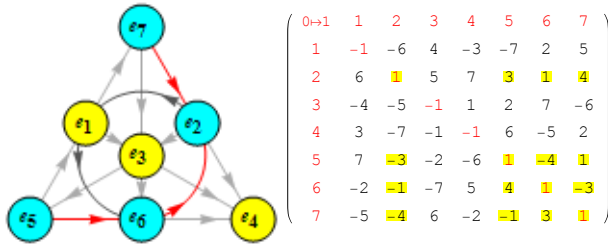
Split=1(3, 4, 6, 7) Not Flipped



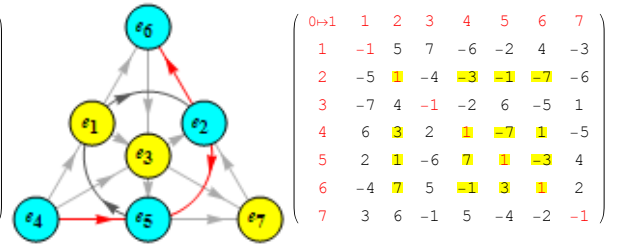
Split=2(2, 5, 6, 7) Flipped



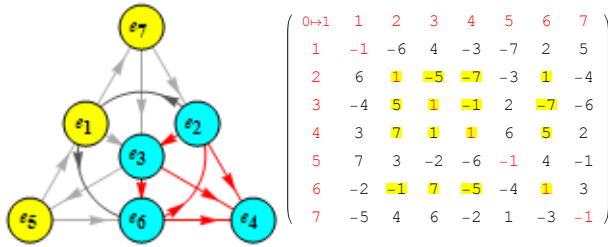
Split=2(2, 4, 5, 6) Not Flipped



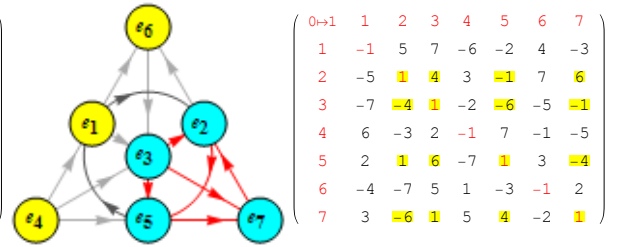
Split=3(2, 3, 4, 6) Flipped



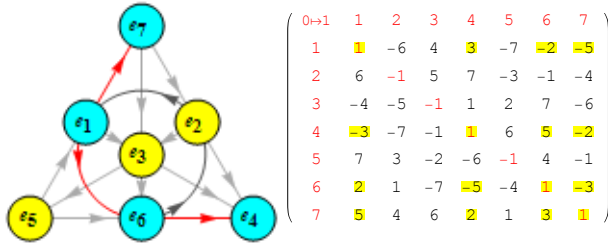
Split=3(2, 3, 5, 7) Not Flipped



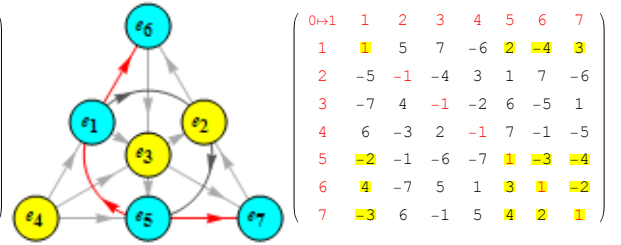
Split=4(1, 4, 6, 7) Flipped



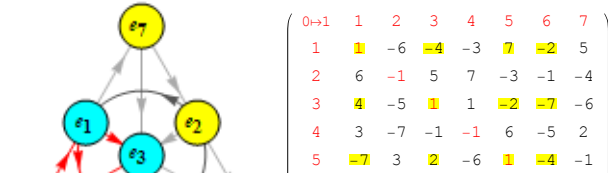
Split=4(1, 5, 6, 7) Not Flipped



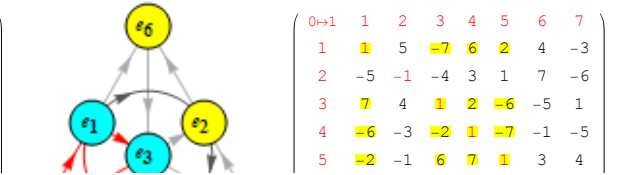
Split=5(1, 3, 5, 6) Flipped



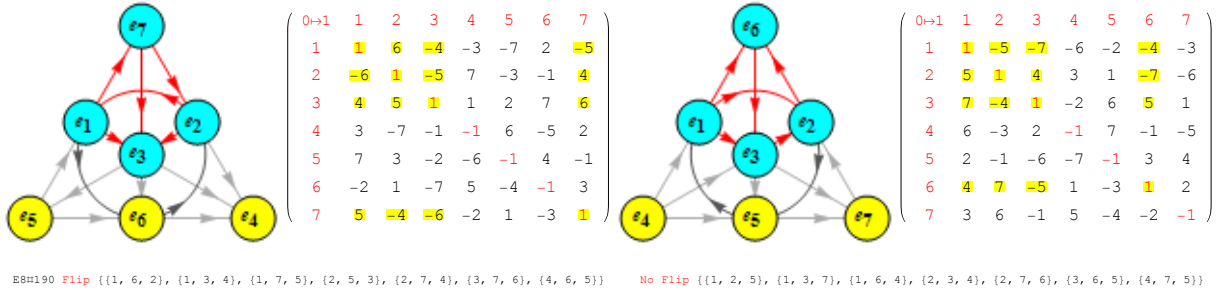
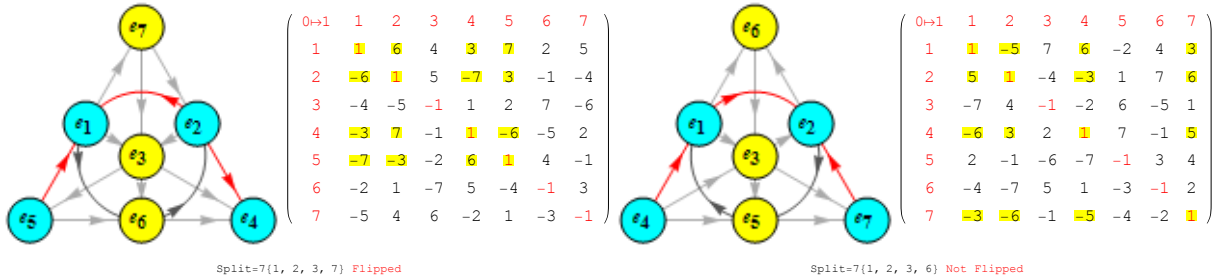
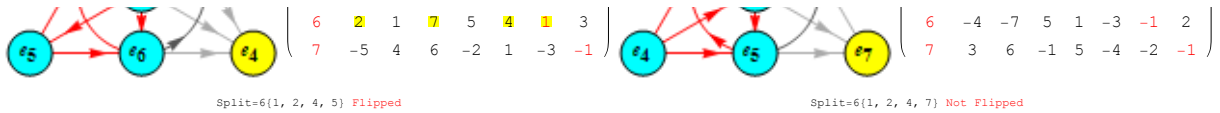
Split=5(1, 3, 4, 5) Not Flipped



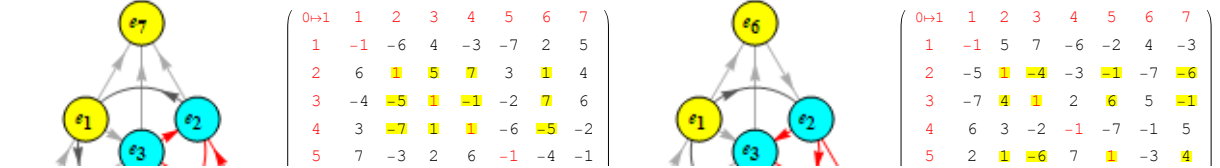
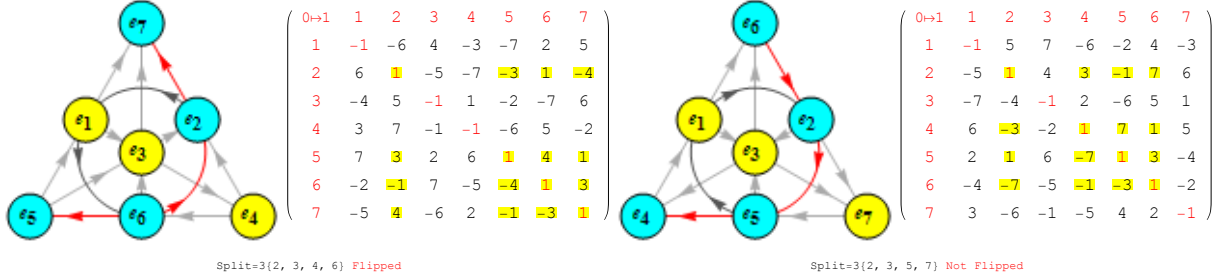
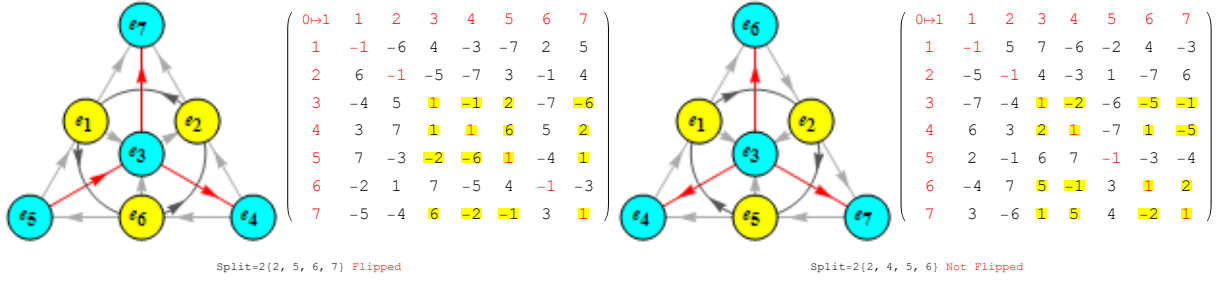
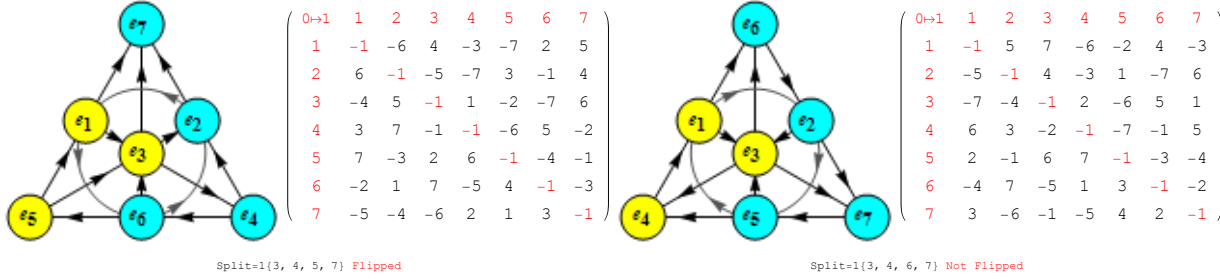
Split=6(1, 2, 3, 4, 5, 6) Flipped

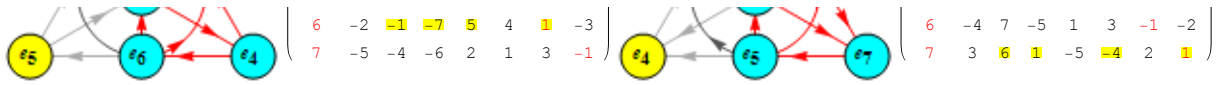


Split=6(1, 2, 3, 4, 5, 6, 7) Not Flipped



EB8190 Flip {(1, 6, 2), (1, 3, 4), (1, 7, 5), (2, 5, 3), (2, 7, 4), (3, 7, 6), (4, 6, 5)} No Flip {(1, 2, 5), (1, 3, 7), (1, 6, 4), (2, 3, 4), (2, 7, 6), (3, 6, 5), (4, 7, 5)}

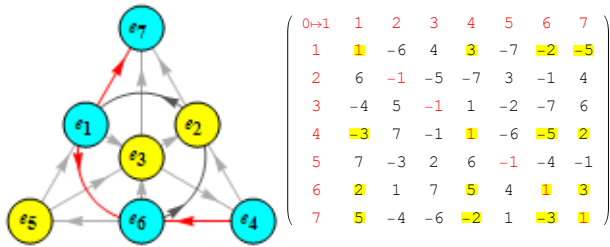




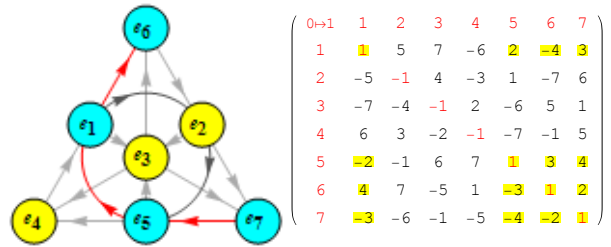
Split=4(1, 4, 6, 7) Flipped



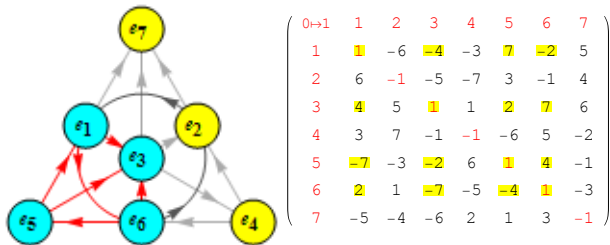
Split=4(1, 5, 6, 7) Not Flipped



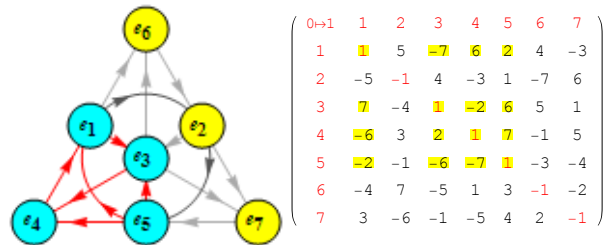
Split=5(1, 3, 5, 6) Flipped



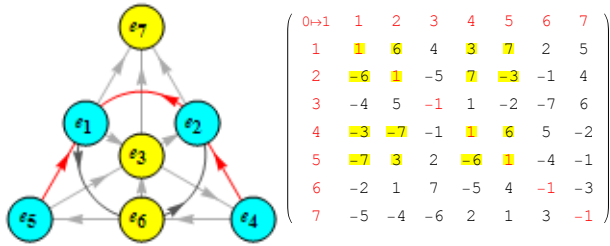
Split=5(1, 3, 4, 5) Not Flipped



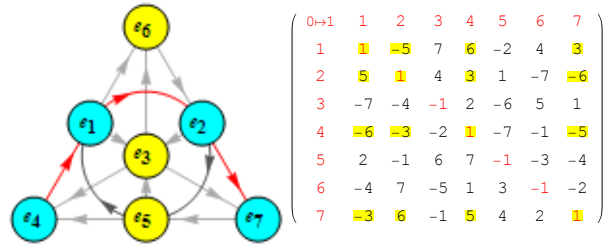
Split=6(1, 2, 4, 5) Flipped



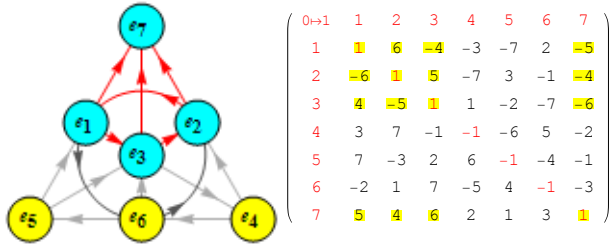
Split=6(1, 2, 4, 7) Not Flipped



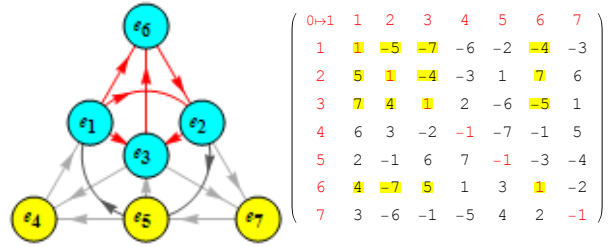
Split=7(1, 2, 3, 7) Flipped



Split=7(1, 2, 3, 6) Not Flipped

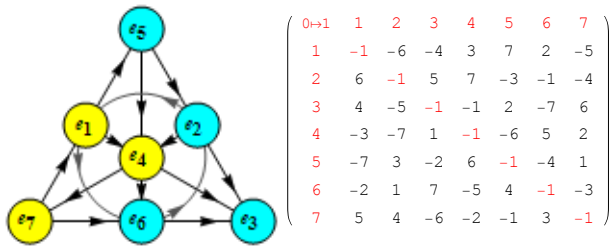


Split=7(1, 2, 3, 6) Not Flipped

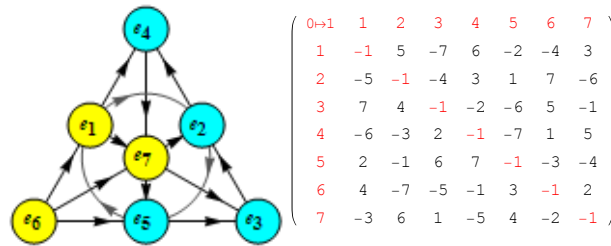


Split=7(1, 2, 3, 6) Not Flipped

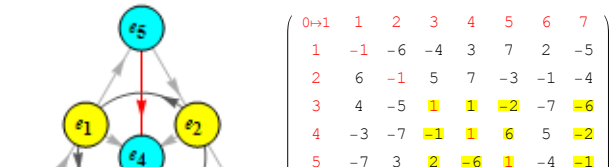
EBH181 Flip {(1, 6, 2), (1, 4, 3), (1, 5, 7), (2, 3, 5), (2, 4, 7), (3, 7, 6), (4, 6, 5)} No Flip {(1, 2, 5), (1, 7, 3), (1, 4, 6), (2, 4, 3), (2, 6, 7), (3, 6, 5), (4, 7, 5)}

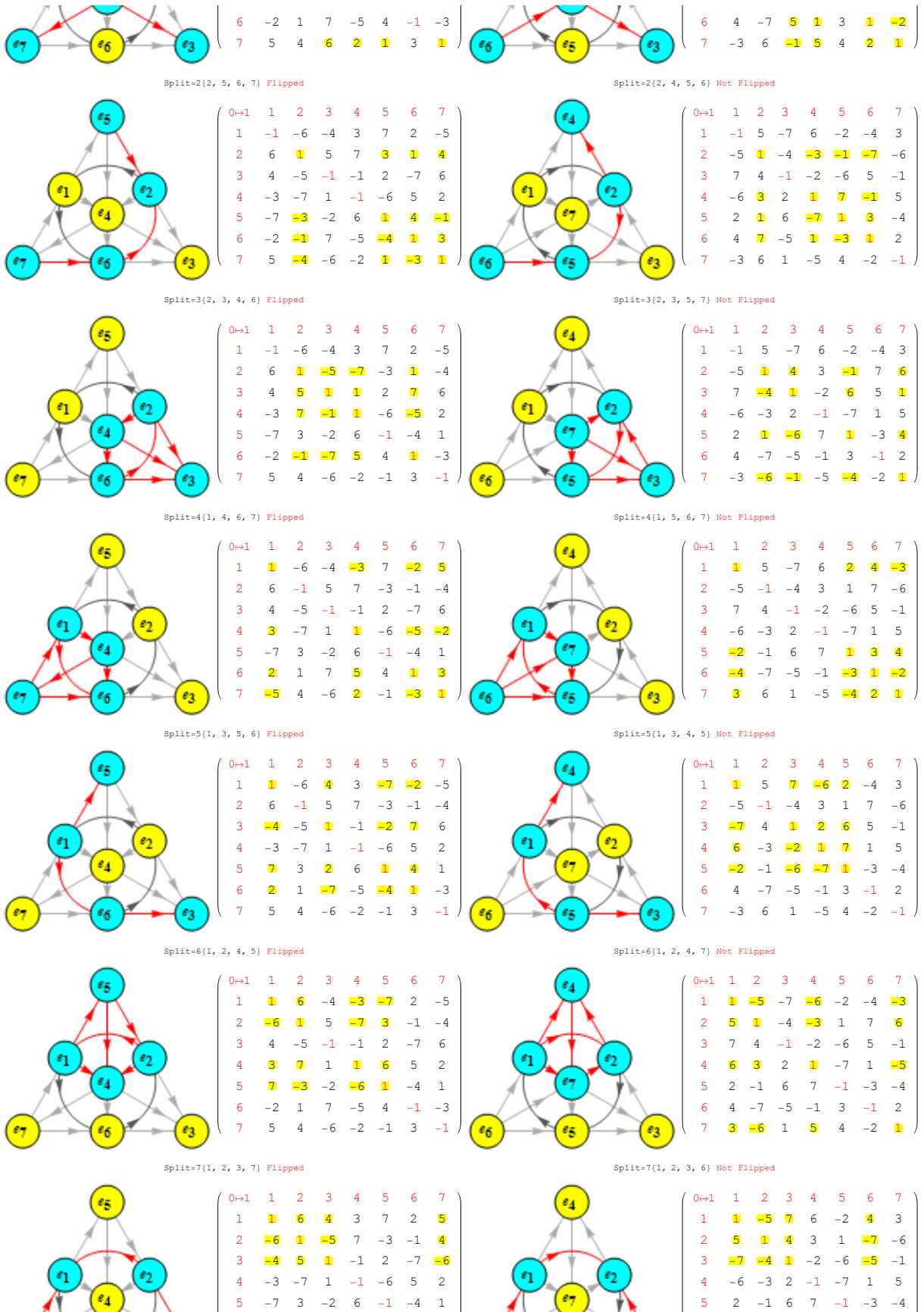


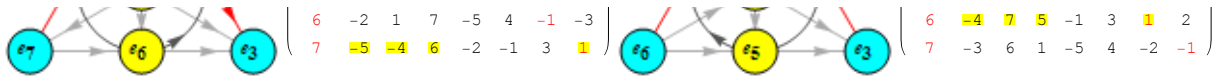
Split=1(3, 4, 5, 7) Flipped



Split=1(3, 4, 6, 7) Not Flipped

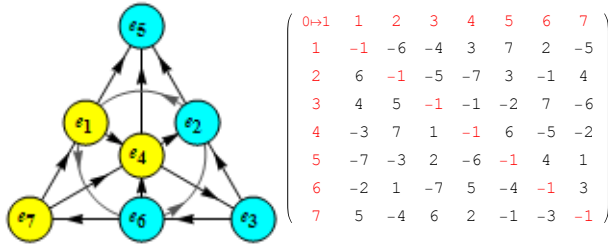






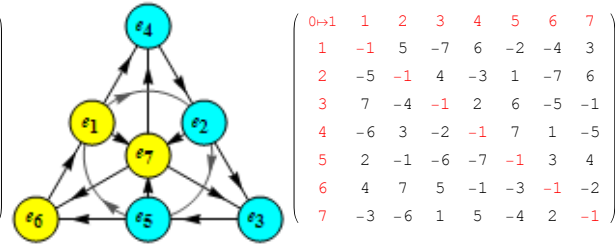
EBH187 Flip  $\{(1, 6, 2), (1, 4, 3), (1, 5, 7), (2, 5, 3), (2, 7, 4), (3, 6, 7), (4, 5, 6)\}$

No Flip  $\{(1, 2, 5), (1, 7, 3), (1, 4, 6), (2, 3, 4), (2, 7, 6), (3, 5, 6), (4, 5, 7)\}$



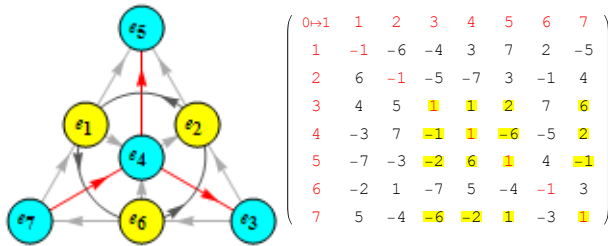
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1
6	-2	1	-7	5	-4	-1	3
7	5	-4	6	2	-1	-3	-1

Split=1(3, 4, 5, 7) Flipped



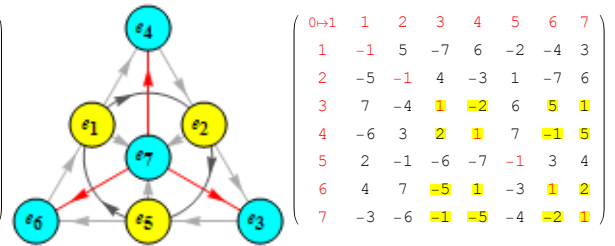
0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	-2	-7	7	1	-5
5	2	-1	-6	-7	-1	3	4
6	4	7	5	-1	-3	-1	-2
7	-3	-6	1	5	-4	2	-1

Split=1(3, 4, 6, 7) Not Flipped



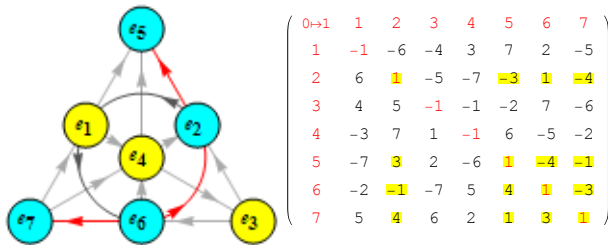
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1
6	-2	1	-7	5	-4	-1	3
7	5	-4	6	2	-1	-3	-1

Split=2(2, 5, 6, 7) Flipped



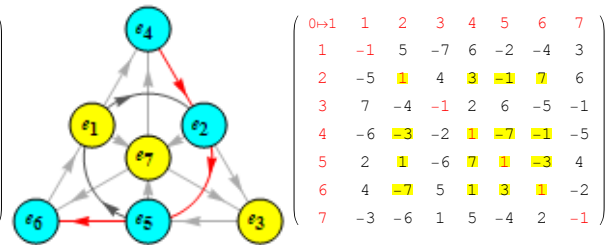
0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	2	1	7	-1	5
5	2	-1	-6	-7	-1	3	4
6	4	7	5	-1	-3	-1	2
7	-3	-6	1	5	-4	2	-1

Split=2(2, 4, 5, 6) Not Flipped



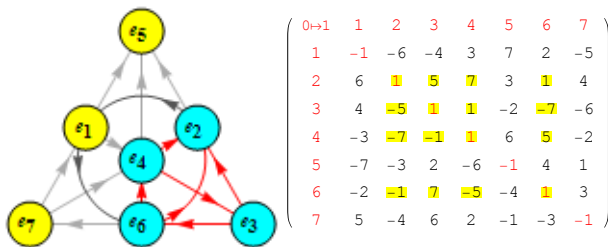
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1
6	-2	1	-7	5	-4	-1	3
7	5	-4	6	2	-1	-3	-1

Split=3(2, 3, 4, 6) Flipped



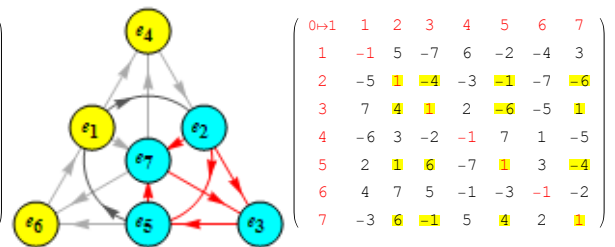
0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	-2	1	7	-1	5
5	2	-1	-6	-7	-1	3	4
6	4	7	5	-1	-3	-1	2
7	-3	-6	1	5	-4	2	-1

Split=3(2, 3, 5, 7) Not Flipped



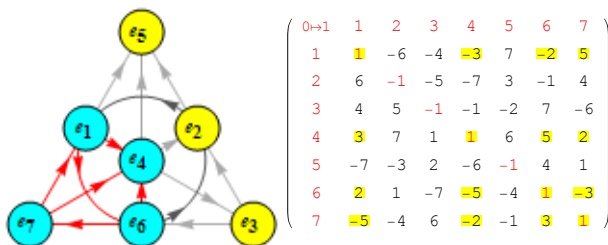
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1
6	-2	1	-7	5	-4	-1	3
7	5	-4	6	2	-1	-3	-1

Split=4(1, 4, 6, 7) Flipped



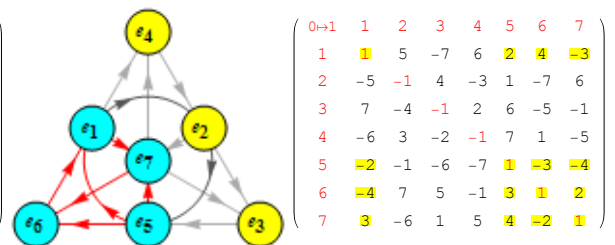
0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	-2	-1	7	1	-5
5	2	-1	-6	-7	-1	3	4
6	4	7	5	-1	-3	-1	2
7	-3	-6	1	5	-4	2	-1

Split=4(1, 5, 6, 7) Not Flipped



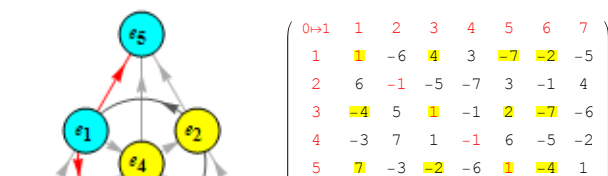
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1
6	-2	1	-7	5	-4	-1	3
7	5	-4	6	2	-1	-3	-1

Split=5(1, 3, 5, 6) Flipped

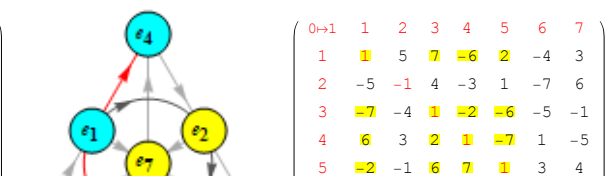


0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	-2	-1	7	1	-5
5	2	-1	-6	-7	-1	3	4
6	4	7	5	-1	-3	-1	2
7	-3	-6	1	5	-4	2	-1

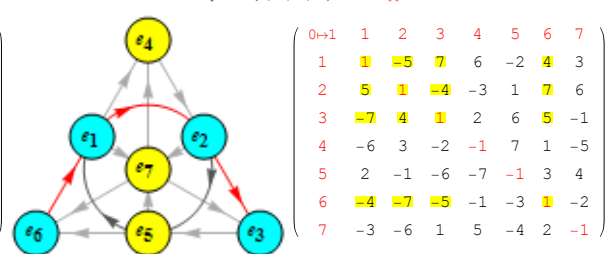
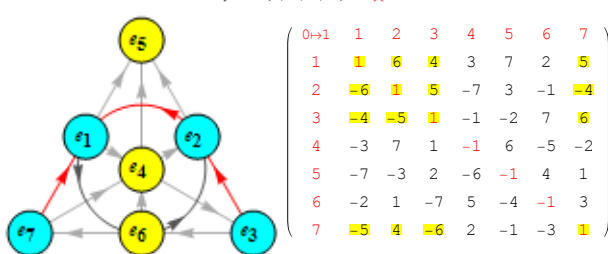
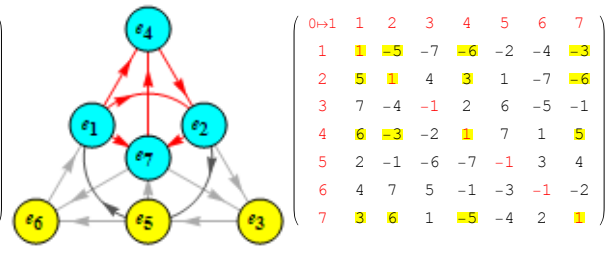
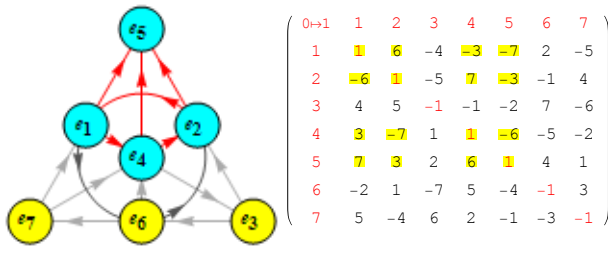
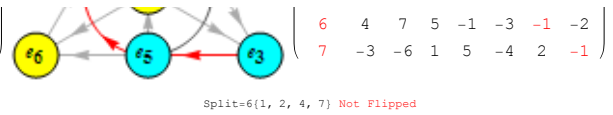
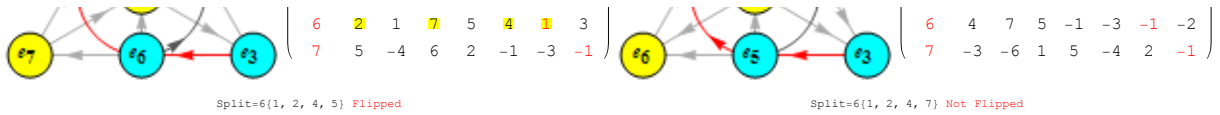
Split=5(1, 3, 4, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	7	2	-5
2	6	-1	-5	-7	3	-1	4
3	4	5	-1	-1	-2	7	-6
4	-3	7	1	-1	6	-5	-2
5	-7	-3	2	-6	-1	4	1

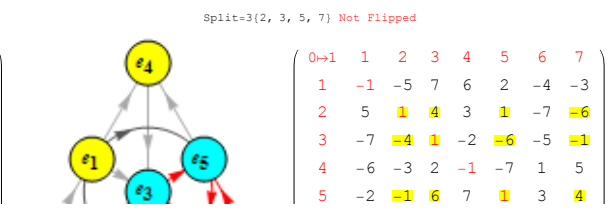
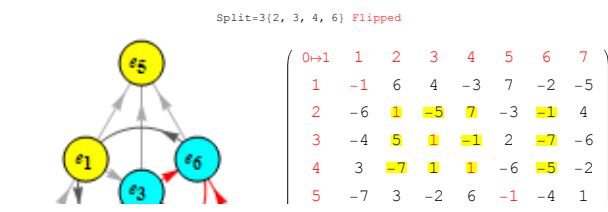
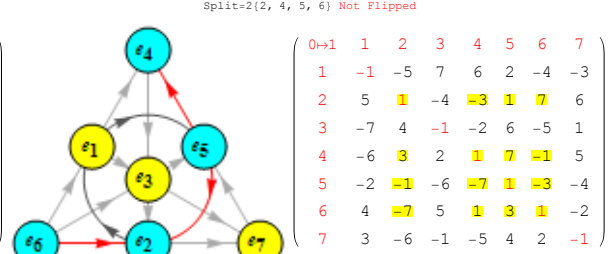
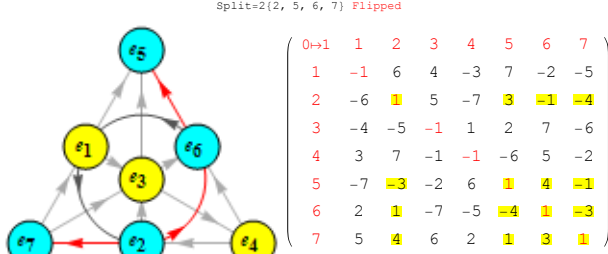
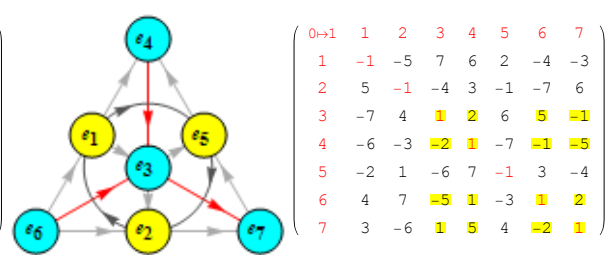
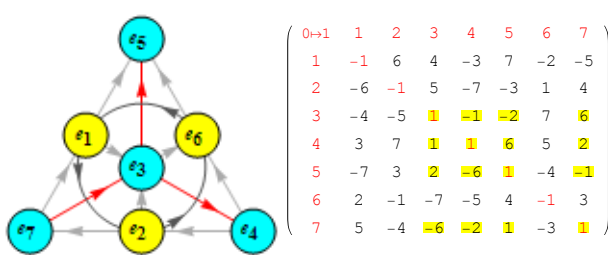
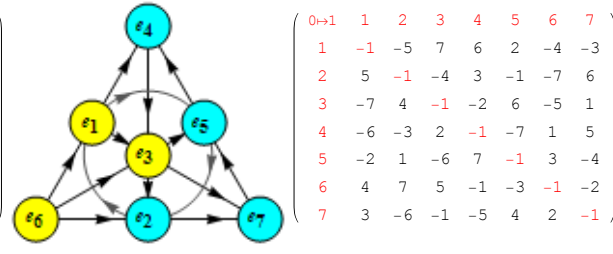
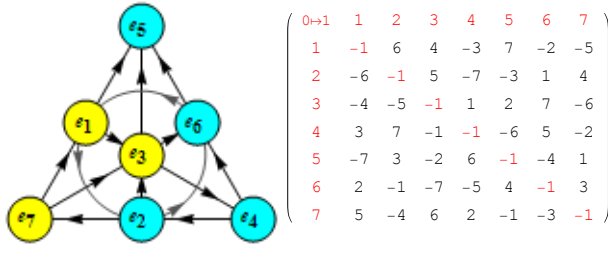


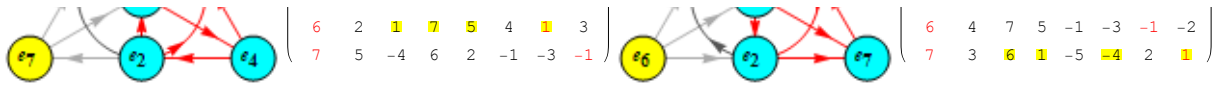
0→1	1	2	3	4	5	6	7
1	-1	5	-7	6	-2	-4	3
2	-5	-1	4	-3	1	-7	6
3	7	-4	-1	2	6	-5	-1
4	-6	3	-2	-1	7	1	-5
5	2	-1	-6	-7	-1	3	4



BBH46 Flip {(1, 2, 6), (1, 3, 4), (1, 5, 7), (2, 3, 5), (2, 7, 4), (3, 6, 7), (4, 6, 5)}

No Flip {(1, 5, 2), (1, 3, 7), (1, 4, 6), (2, 4, 3), (2, 7, 6), (3, 5, 6), (4, 7, 5)}

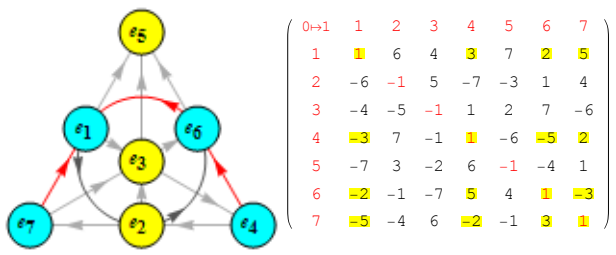




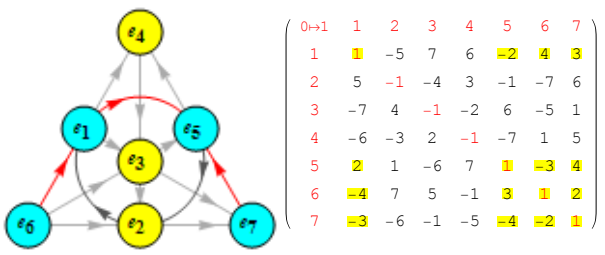
6	2	1	7	5	4	3
7	5	-4	6	2	-1	-3
-1	3	4	7	6	5	2
2	-6	-1	5	-7	-3	1
3	-4	-5	-1	1	2	7
4	-3	7	-1	1	-6	5
5	-7	3	-2	6	-1	-4
6	-2	-1	-7	5	4	-3
7	-5	-4	6	-2	-1	3



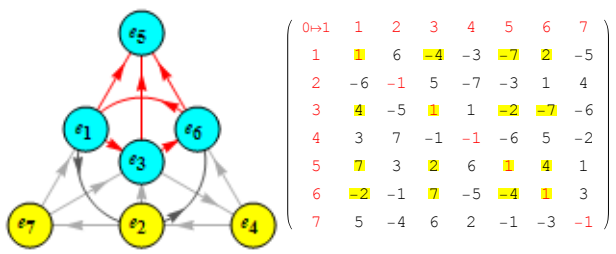
6	4	7	5	-1	-3	-1
7	3	6	1	-5	-4	2
-1	3	4	7	6	5	2
2	5	-1	-4	3	-1	-7
3	-7	4	-1	-2	6	-5
4	-6	-3	2	-1	-7	1
5	2	1	-6	7	1	-3
6	-4	7	5	-1	3	1
7	-3	-6	-1	-5	-4	-2



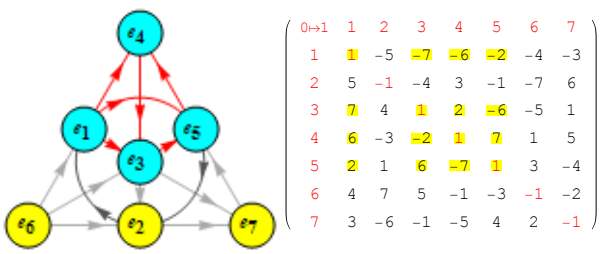
0	1	2	3	4	5	6	7
1	1	6	4	3	7	2	5
2	-6	-1	5	-7	-3	1	4
3	-4	-5	-1	1	2	7	-6
4	-3	7	-1	1	-6	5	2
5	-7	3	-2	6	-1	-4	1
6	-2	-1	-7	5	4	1	-3
7	-5	-4	6	-2	-1	3	1



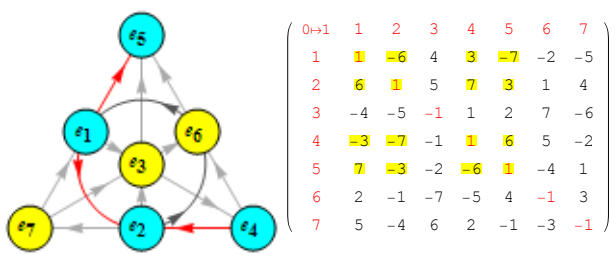
0	1	2	3	4	5	6	7
1	1	-5	7	6	-2	4	3
2	5	-1	-4	3	-1	-7	6
3	-7	4	-1	-2	6	-5	1
4	-6	-3	2	-1	-7	1	5
5	2	1	-6	7	1	-3	4
6	-4	7	5	-1	3	1	2
7	-3	-6	-1	-5	-4	-2	1



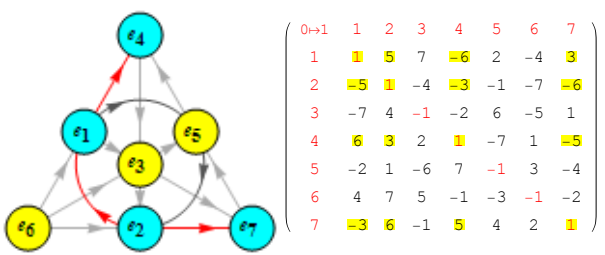
0	1	2	3	4	5	6	7
1	1	6	-4	-3	-7	2	-5
2	-6	-1	5	-7	-3	1	4
3	4	-5	1	-2	-7	-6	1
4	3	7	-1	-1	-6	5	-2
5	7	3	2	6	1	4	1
6	-2	-1	7	-5	-4	1	3
7	5	-4	6	2	-1	-3	-1



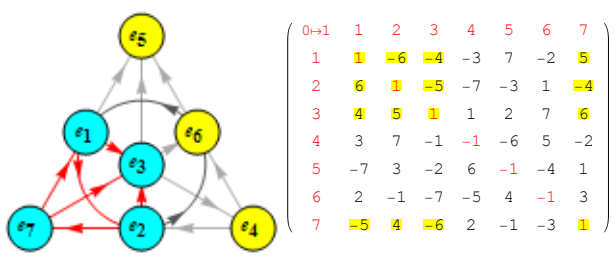
0	1	2	3	4	5	6	7
1	1	-5	-7	-6	-2	-4	-3
2	5	-1	-4	3	-1	-7	6
3	7	4	1	2	-6	-5	1
4	6	-3	-2	1	7	1	5
5	2	1	6	-7	1	3	-4
6	4	7	5	-1	-3	-1	-2
7	3	-6	-1	-5	4	2	-1



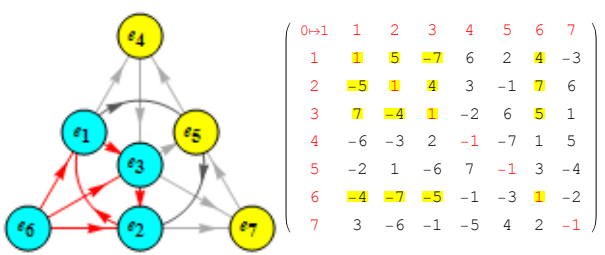
0	1	2	3	4	5	6	7
1	1	-6	4	3	-7	-2	-5
2	6	1	5	7	3	1	4
3	-4	-5	-1	1	2	7	-6
4	-3	-7	-1	1	6	5	-2
5	7	-3	-2	6	1	-4	1
6	2	-1	-7	-5	4	-1	3
7	5	-4	6	2	-1	-3	-1



0	1	2	3	4	5	6	7
1	1	5	7	-6	2	-4	3
2	-5	1	-4	-3	-1	-7	-6
3	-7	4	-1	-2	6	-5	1
4	6	3	2	1	-7	1	-5
5	-2	1	-6	7	-1	3	-4
6	4	7	5	-1	-3	-1	-2
7	-3	6	-1	5	4	2	1

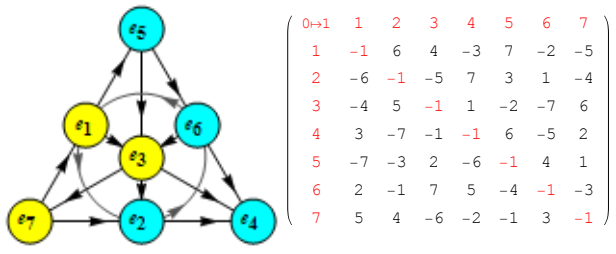


0	1	2	3	4	5	6	7
1	1	-6	-4	-3	7	-2	5
2	6	1	-5	-7	-3	1	-4
3	4	5	1	1	2	7	6
4	3	7	-1	-1	-6	5	-2
5	-7	3	-2	6	-1	-4	1
6	2	-1	-7	-5	4	-1	3
7	-5	4	-6	2	-1	-3	1

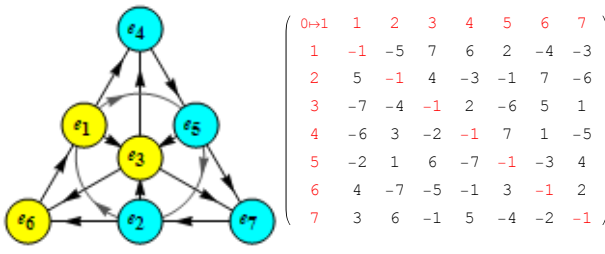


0	1	2	3	4	5	6	7
1	1	5	-7	6	2	4	-3
2	-5	1	4	3	-1	7	6
3	7	-4	1	-2	6	5	1
4	-6	-3	2	-1	-7	1	5
5	-2	1	-6	7	-1	3	-4
6	-4	-7	-5	-1	-3	1	-2
7	3	-6	-1	-5	4	2	-1

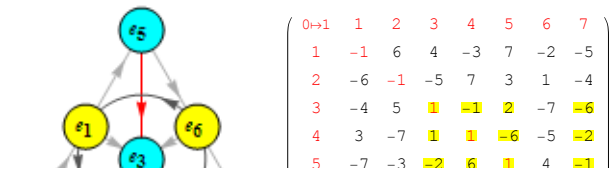
EBH198 Flip  $\{(1, 2, 6), (1, 3, 4), (1, 5, 7), (2, 5, 3), (2, 4, 7), (3, 7, 6), (4, 5, 6)\}$  No Flip  $\{(1, 5, 2), (1, 3, 7), (1, 4, 6), (2, 3, 4), (2, 6, 7), (3, 6, 5), (4, 5, 7)\}$



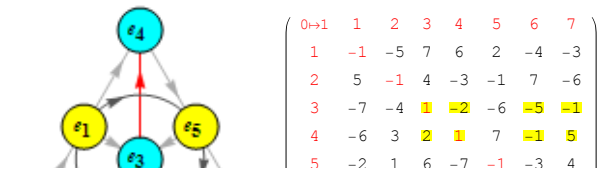
0	1	2	3	4	5	6	7
1	-1	6	4	-3	7	-2	-5
2	-6	-1	-5	7	3	1	-4
3	-4	5	-1	1	-2	-7	6
4	3	-7	-1	-1	6	-5	2
5	-7	-3	2	-6	-1	4	1
6	2	-1	7	5	-4	-1	-3
7	5	4	-6	-2	-1	3	-1



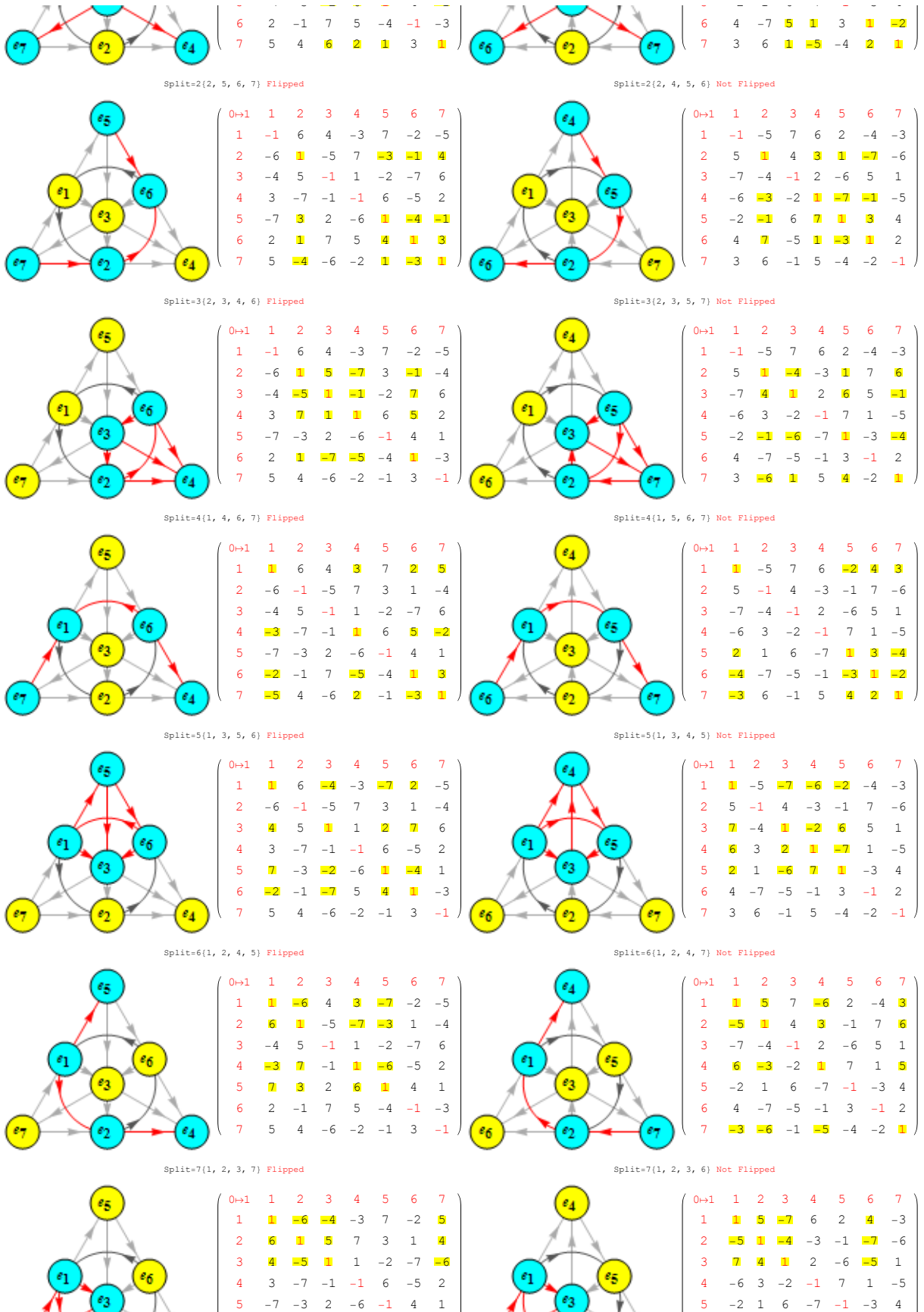
0	1	2	3	4	5	6	7
1	-1	-5	7	6	2	-4	-3
2	5	-1	4	-3	-1	7	-6
3	-7	-4	-1	2	-6	5	1
4	-6	3	-2	-1	7	1	-5
5	-2	1	6	-7	-1	-3	4
6	4	-7	-5	-1	3	-1	2
7	3	6	-1	5	-4	-2	-1



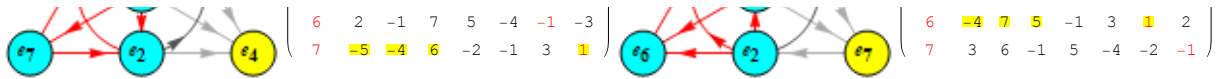
0	1	2	3	4	5	6	7
1	-1	6	4	-3	7	-2	-5
2	-6	-1	-5	7	3	1	-4
3	-4	5	1	-1	2	-7	-6
4	3	-7	1	1	-6	-5	-2
5	-7	-3	-2	6	1	4	-1



0	1	2	3	4	5	6	7
1	-1	-5	7	6	2	-4	-3
2	5	-1	4	-3	-1	7	-6
3	-7	-4	1	-2	-6	-5	-1
4	-6	3	2	1	7	-1	5
5	-2	1	6	-7	-1	-3	4

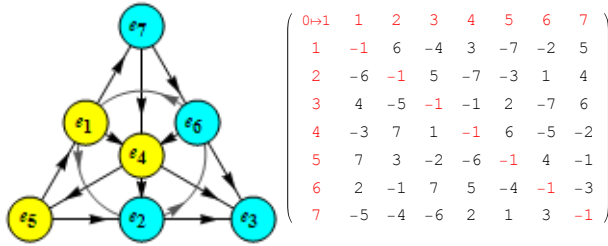






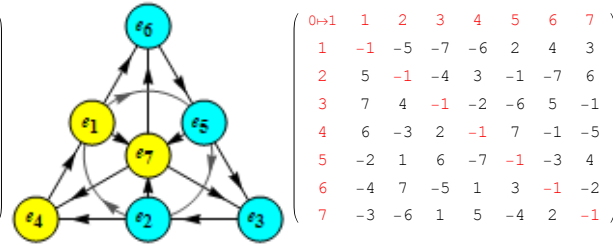
E843 Flip  $\{(1, 2, 6), (1, 4, 3), (1, 7, 5), (2, 3, 5), (2, 7, 4), (3, 7, 6), (4, 5, 6)\}$

No Flip  $\{(1, 5, 2), (1, 7, 3), (1, 6, 4), (2, 4, 3), (2, 7, 6), (3, 6, 5), (4, 5, 7)\}$



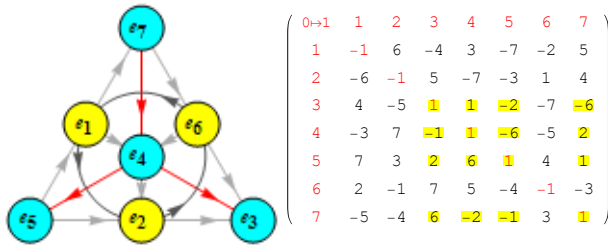
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	-7	-2	5
2	-6	-1	5	-7	-3	1	4
3	4	-5	-1	-1	2	-7	6
4	-3	7	1	-1	6	-5	-2
5	7	3	-2	-6	-1	4	-1
6	2	-1	7	5	-4	-1	-3
7	-5	-4	-6	2	1	3	-1

Split=1(3, 4, 5, 7) Flipped



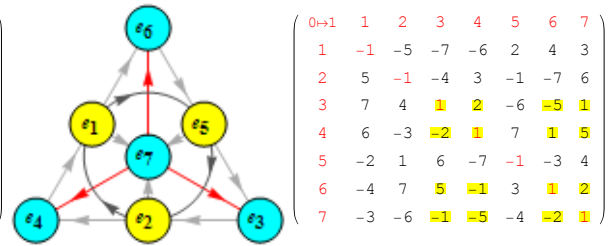
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	-6	2	4	3
2	5	-1	-4	3	-1	-7	6
3	7	4	-1	-2	-6	5	-1
4	6	-3	2	-1	7	-1	-5
5	-2	1	6	-7	1	-3	4
6	-4	7	-5	1	3	-1	-2
7	-3	-6	1	5	-4	2	-1

Split=1(3, 4, 6, 7) Not Flipped



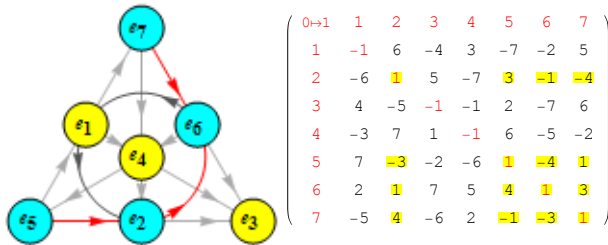
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	-7	-2	5
2	-6	-1	5	-7	-3	1	4
3	4	-5	1	1	-2	-7	-6
4	-3	7	-1	1	-6	-5	2
5	7	3	2	6	1	4	1
6	2	-1	7	5	-4	-1	-3
7	-5	-4	6	-2	-1	3	1

Split=2(2, 5, 6, 7) Flipped



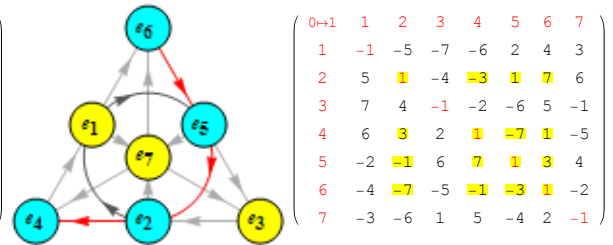
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	-6	2	4	3
2	5	-1	-4	3	-1	-7	6
3	7	4	1	2	-6	-5	1
4	6	-3	2	1	7	1	5
5	-2	1	6	-7	1	-3	4
6	-4	7	5	-1	3	1	2
7	-3	-6	-1	-5	-4	-2	1

Split=2(2, 4, 5, 6) Not Flipped



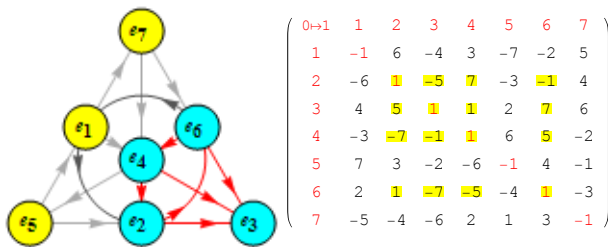
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	-7	-2	5
2	-6	1	5	-7	3	-1	-4
3	4	-5	-1	-1	2	-7	6
4	-3	7	1	-1	6	-5	-2
5	7	3	-2	-6	1	-4	1
6	2	1	7	5	4	1	3
7	-5	-4	-6	2	-1	-3	1

Split=3(2, 3, 4, 6) Flipped



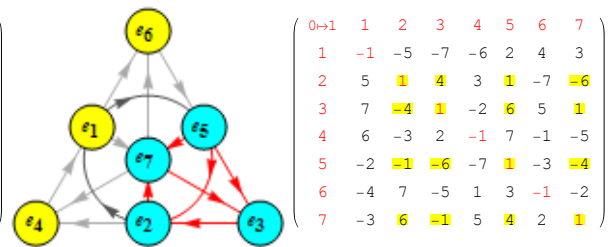
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	-6	2	4	3
2	5	1	-4	-3	1	7	6
3	7	4	-1	-2	-6	5	-1
4	6	3	2	1	7	1	-5
5	-2	-1	6	7	1	3	4
6	-4	7	-5	-1	-3	1	-2
7	-3	-6	1	5	-4	2	-1

Split=3(2, 3, 5, 7) Not Flipped



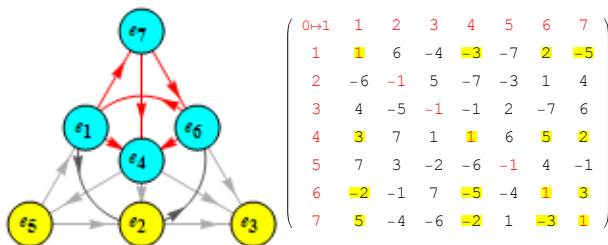
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	-7	-2	5
2	-6	1	-5	7	-3	-1	4
3	4	5	1	2	7	6	6
4	-3	-7	-1	1	6	5	-2
5	7	3	-2	-6	-1	4	-1
6	2	1	-7	-5	-4	1	-3
7	-5	-4	-6	2	1	3	-1

Split=4(1, 4, 6, 7) Flipped



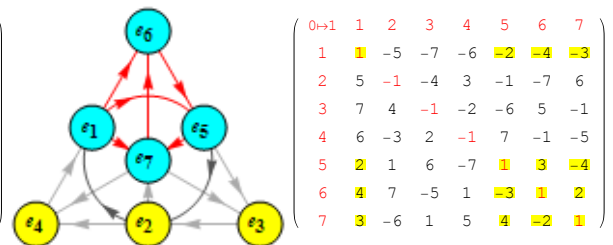
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	-6	2	4	3
2	5	1	4	3	1	-7	-6
3	7	-4	1	-2	6	5	1
4	6	-3	2	-1	7	-1	-5
5	-2	-1	6	-7	1	-3	-4
6	-4	7	-5	1	3	-1	-2
7	-3	6	-1	5	4	2	1

Split=4(1, 5, 6, 7) Not Flipped



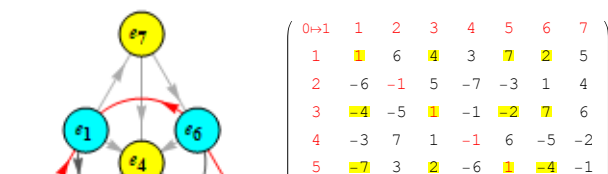
0→1	1	2	3	4	5	6	7
1	1	6	-4	3	7	2	5
2	-6	-1	5	-7	-3	1	4
3	-4	-5	1	-1	-2	7	6
4	3	7	1	1	6	5	2
5	7	3	-2	-6	-1	4	-1
6	-2	-1	7	-5	-4	1	3
7	5	-4	-6	2	1	-3	1

Split=5(1, 3, 5, 6) Flipped

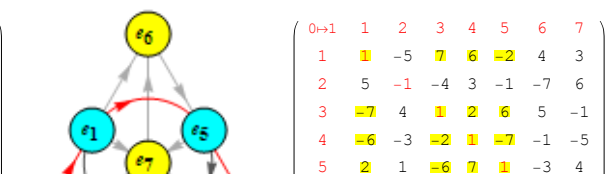


0→1	1	2	3	4	5	6	7
1	1	-5	7	6	-2	-4	-3
2	5	-1	-4	3	-1	-7	6
3	7	4	-1	-2	-6	5	-1
4	6	-3	2	-1	7	-1	-5
5	2	1	6	-7	1	3	-4
6	4	7	-5	1	-3	1	2
7	3	-6	1	5	4	-2	1

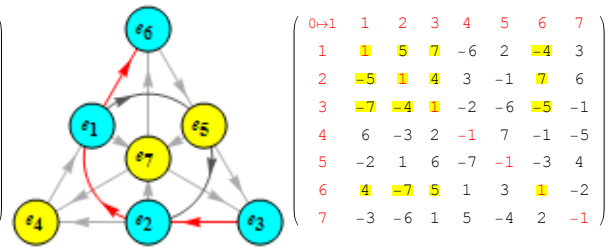
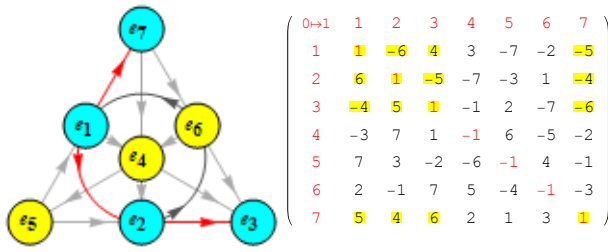
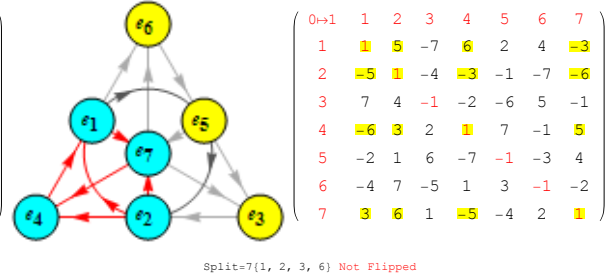
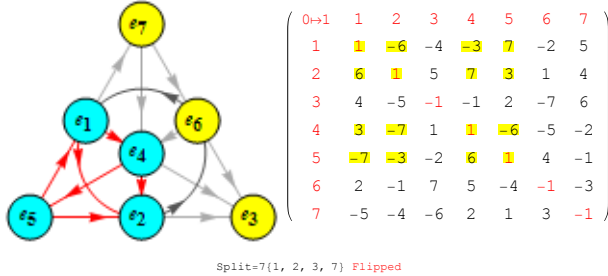
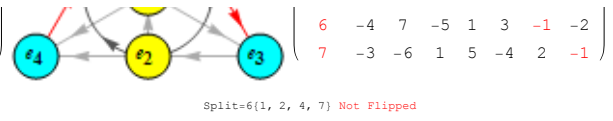
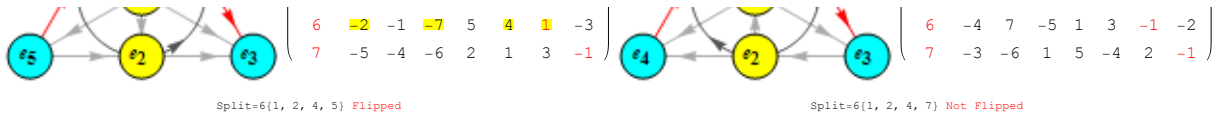
Split=5(1, 3, 4, 5) Not Flipped



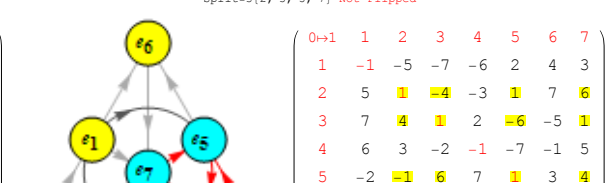
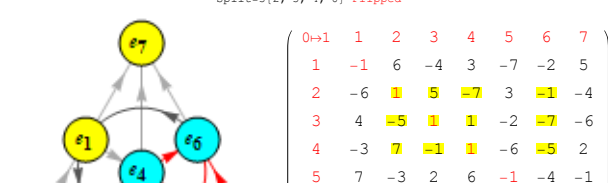
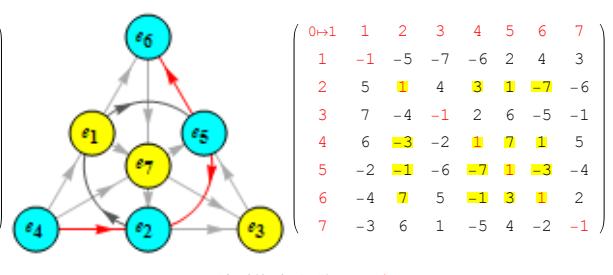
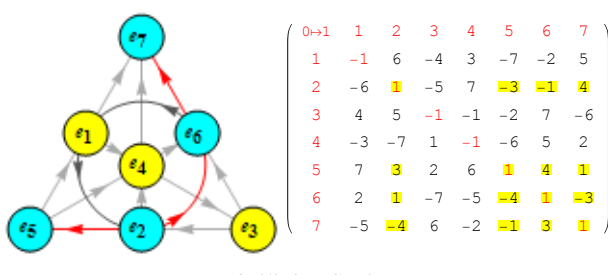
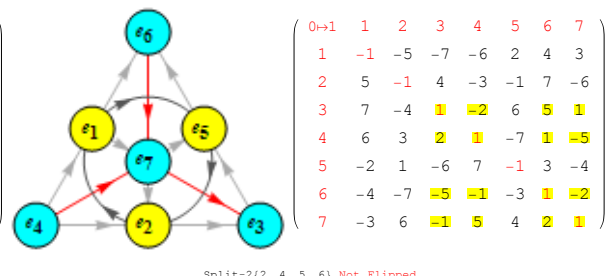
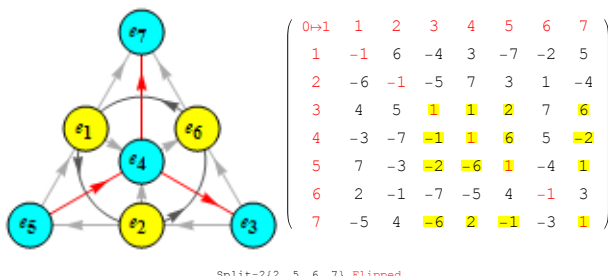
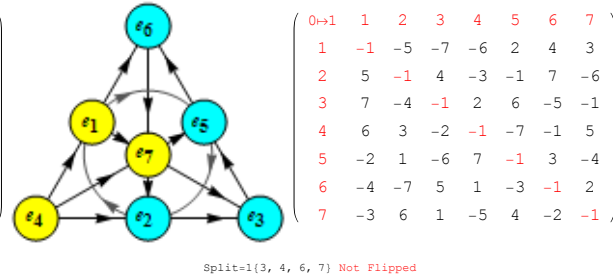
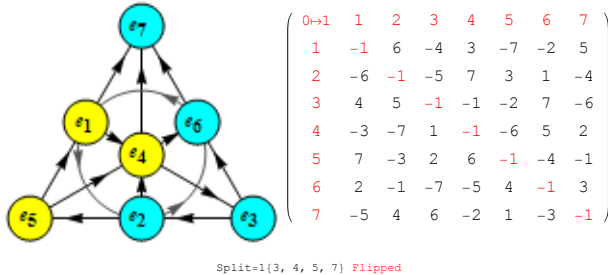
0→1	1	2	3	4	5	6	7
1	1	6	4	3	7	2	5
2	-6	-1	5	-7	-3	1	4
3	-4	-5	1	-1	-2	7	6
4	-3	7	1	-1	6	-5	-2
5	7	3	2	-6	1	-4	-1

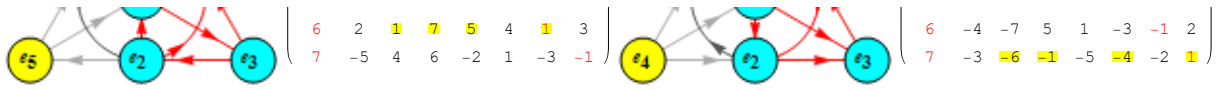


0→1	1	2	3	4	5	6	7
1	1	-5	7	6	-2	4	3
2	5	-1	-4	3	-1	-7	6
3	-4	-5	1	2	6	5	-1
4	-6	-3	2	1	7	-1	-5
5	2	1	6	-7	1	-3	4



EBH201 Flip {(1, 2, 6), (1, 4, 3), (1, 7, 5), (2, 5, 3), (2, 4, 7), (3, 6, 7), (4, 6, 5)} No Flip {(1, 5, 2), (1, 7, 3), (1, 6, 4), (2, 3, 4), (2, 6, 7), (3, 5, 6), (4, 7, 5)}





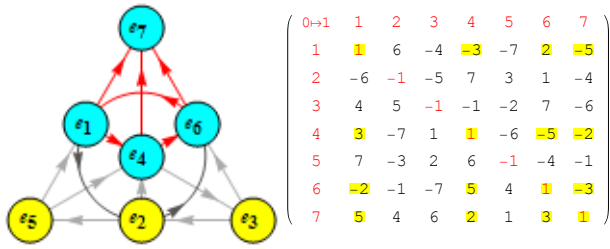
Split=4(1, 4, 6, 7) Flipped

6	2	1	7	5	4	1	3
7	-5	4	6	-2	1	-3	-1



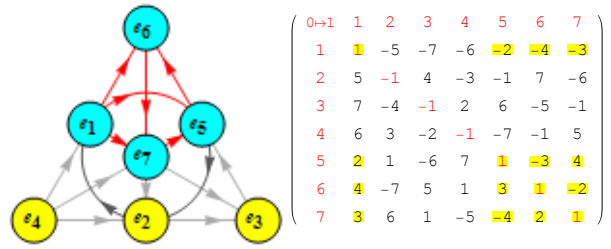
Split=4(1, 5, 6, 7) Not Flipped

6	-4	-7	5	1	-3	-1	2
7	-3	-6	-1	-5	-4	-2	1



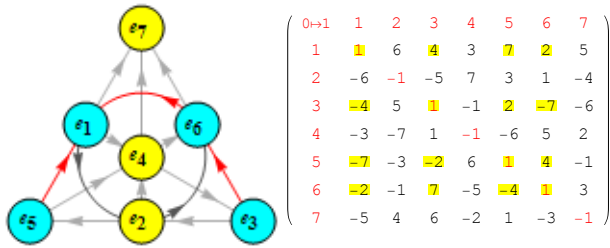
Split=5(1, 3, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	6	-4	-3	-7	2	-5
2	-6	-1	-5	7	3	1	-4
3	4	5	-1	-1	-2	7	-6
4	3	-7	1	1	-6	-5	-2
5	7	-3	2	6	-1	-4	-1
6	-2	-1	-7	5	4	1	-3
7	5	4	6	2	1	3	1



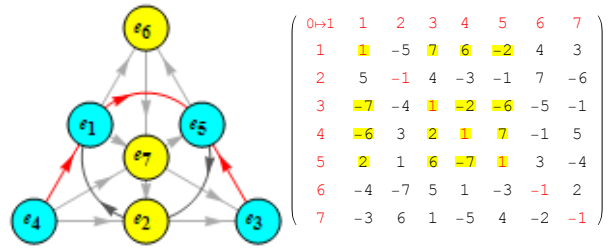
Split=5(1, 3, 4, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-5	-7	-6	-2	-4	-3
2	5	-1	4	-3	-1	7	-6
3	7	-4	-1	2	6	-5	-1
4	6	3	-2	-1	-7	-1	5
5	2	1	-6	7	1	-3	4
6	4	-7	5	1	3	1	-2
7	3	6	1	-5	-4	2	1



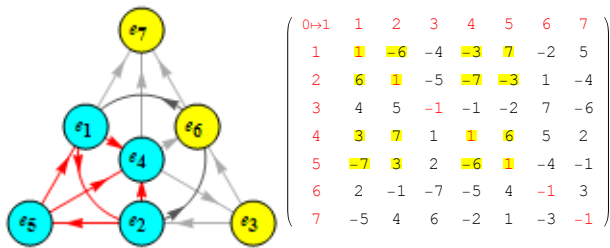
Split=6(1, 2, 4, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	6	4	3	7	2	5
2	-6	-1	-5	7	3	1	-4
3	-4	5	1	-1	2	-7	-6
4	-3	-7	1	-1	-6	5	2
5	-7	-3	-2	6	1	4	-1
6	-2	-1	7	-5	-4	1	3
7	-5	4	6	-2	1	-3	-1



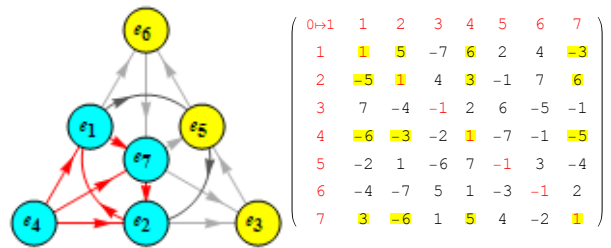
Split=6(1, 2, 4, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-5	7	6	-2	4	3
2	5	-1	4	-3	-1	7	-6
3	-7	-4	1	-2	-6	-5	-1
4	-6	3	2	1	7	-1	5
5	2	1	6	-7	1	3	-4
6	-4	-7	5	1	-3	-1	2
7	-3	6	1	-5	4	-2	-1



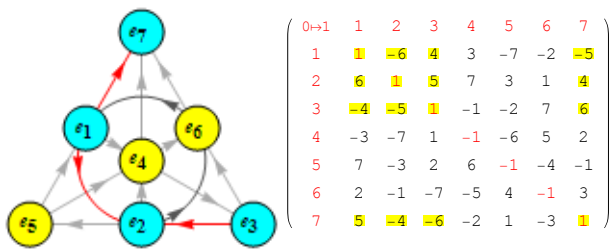
Split=7(1, 2, 3, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	-4	-3	7	-2	5
2	6	1	-5	-7	-3	1	-4
3	4	5	-1	-1	-2	7	-6
4	3	7	1	1	6	5	2
5	-7	3	2	-6	1	-4	-1
6	2	-1	-7	-5	4	-1	3
7	-5	4	6	-2	1	-3	-1



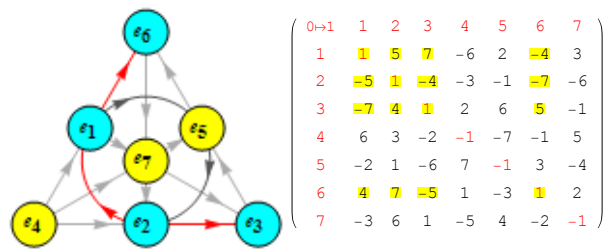
Split=7(1, 2, 3, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	5	-7	6	2	4	-3
2	-5	1	4	3	-1	7	6
3	7	-4	-1	2	6	-5	-1
4	-6	-3	-2	1	-7	-1	-5
5	-2	1	-6	7	-1	3	-4
6	-4	-7	5	1	-3	-1	2
7	3	-6	1	5	4	-2	1



Split=7(1, 2, 3, 7) Flipped

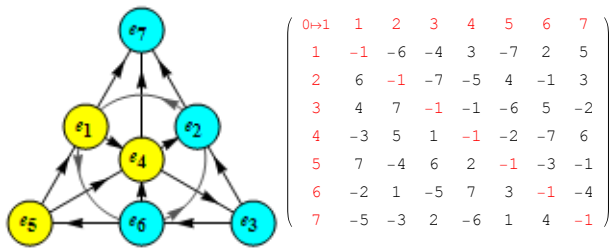
0→1	1	2	3	4	5	6	7
1	1	-6	4	3	-7	-2	-5
2	6	1	5	7	3	1	4
3	-4	-5	1	-1	-2	7	6
4	-3	-7	1	-1	-6	5	2
5	7	-3	2	6	-1	-4	-1
6	2	-1	-7	-5	4	-1	3
7	5	-4	-6	-2	1	-3	1



Split=7(1, 2, 3, 6) Not Flipped

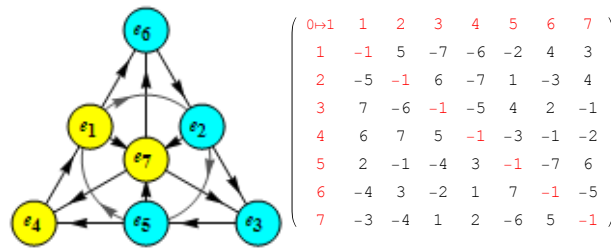
0→1	1	2	3	4	5	6	7
1	1	5	7	-6	2	-4	3
2	-5	1	-4	-3	-1	-7	-6
3	-7	4	1	2	6	5	-1
4	6	3	-2	-1	-7	-1	5
5	-2	1	-6	7	-1	3	-4
6	4	7	-5	1	-3	1	2
7	-3	6	1	-5	4	-2	-1

ESm15 Flip {(1, 6, 2), (1, 4, 3), (1, 7, 5), (2, 7, 3), (2, 5, 4), (3, 6, 5), (4, 7, 6)} No Flip {(1, 2, 5), (1, 7, 3), (1, 6, 4), (2, 3, 6), (2, 7, 4), (3, 5, 4), (5, 7, 6)}



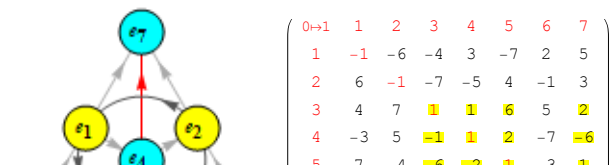
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	-1	-7	-5	4	-1	3
3	4	7	-1	-1	-6	5	-2
4	-3	5	1	-1	-2	-7	6
5	7	-4	6	2	-1	-3	-1
6	-2	1	-5	7	3	-1	-4
7	-5	-3	2	-6	1	4	-1



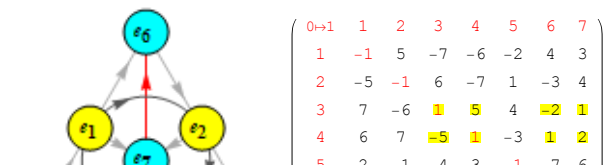
Split=1(3, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	-1	6	-7	1	-3	4
3	7	-6	-1	-5	4	2	-1
4	6	7	5	-1	-3	-1	-2
5	2	-1	-4	3	-1	-7	6
6	-4	3	-2	1	7	-1	-5
7	-3	-4	1	2	-6	5	-1



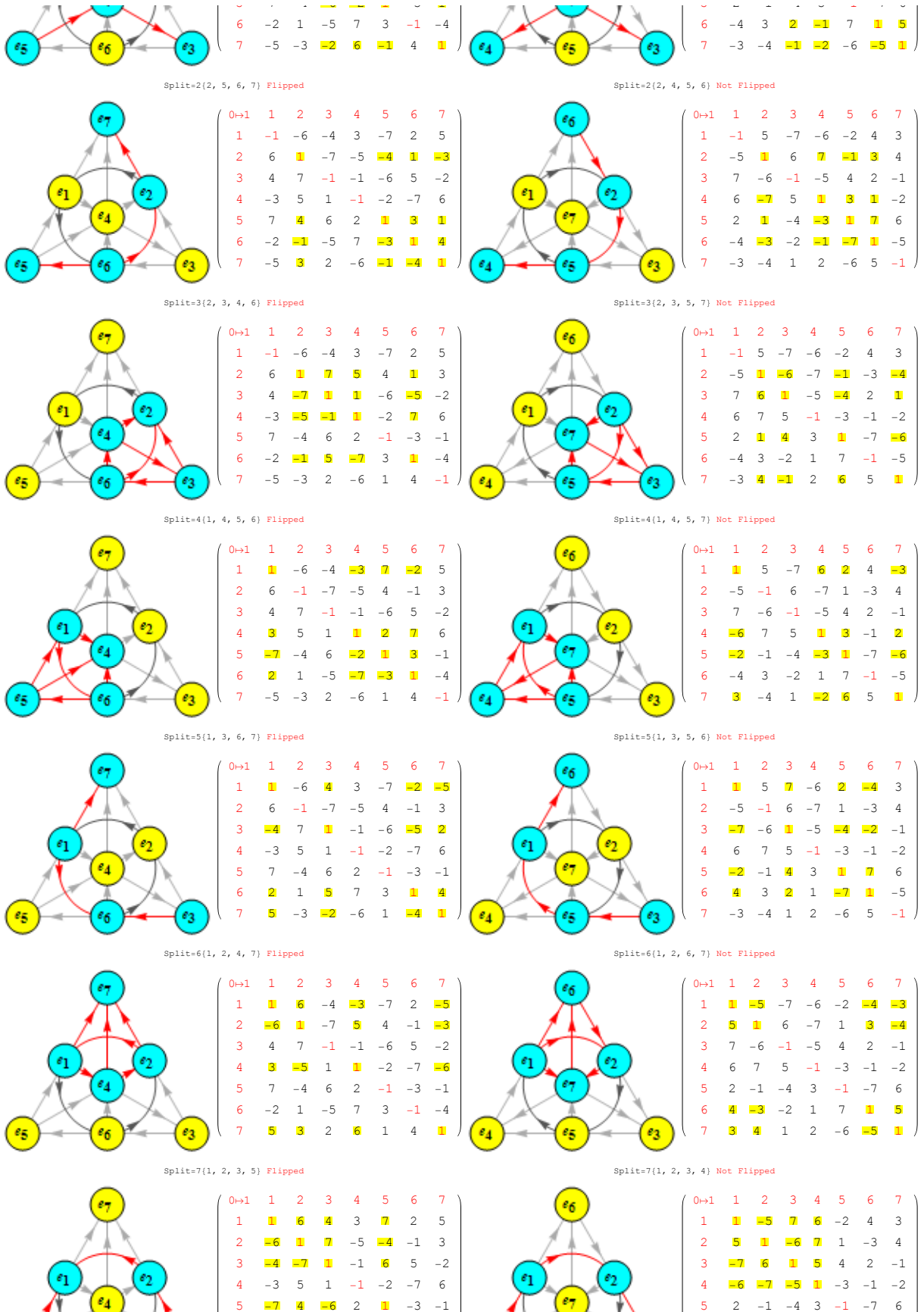
Split=1(3, 4, 5, 7) Flipped

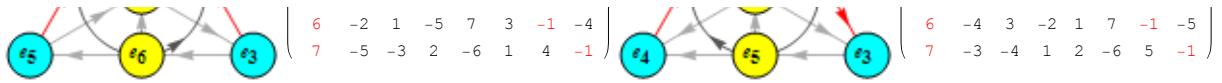
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	-1	-7	-5	4	-1	3
3	4	7	1	1	6	5	2
4	-3	5	-1	1	2	-7	-6
5	7	-4	-6	-2	1	-3	1



Split=1(3, 4, 6, 7) Not Flipped

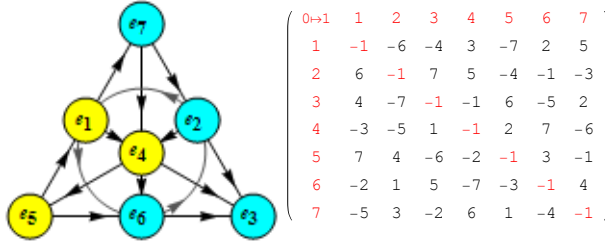
0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	-1	6	-7	1	-3	4
3	7	-6	1	5	4	-2	1
4	6	7	-5	1	-3	1	2
5	2	-1	-4	3	-1	-7	6



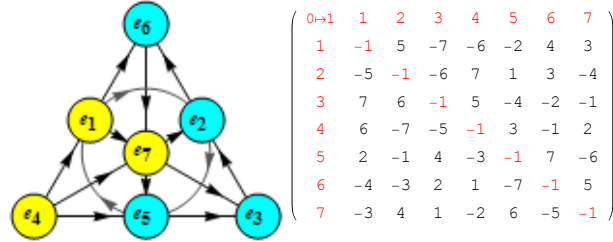


EBH146 Flip  $\{(1, 6, 2), (1, 4, 3), (1, 7, 5), (2, 3, 7), (2, 4, 5), (3, 5, 6), (4, 6, 7)\}$

No Flip  $\{(1, 2, 5), (1, 7, 3), (1, 6, 4), (2, 6, 3), (2, 4, 7), (3, 4, 5), (5, 6, 7)\}$



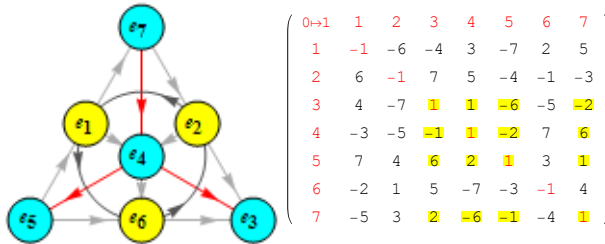
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	-1	7	5	-4	-1	-3
3	4	-7	-1	-1	6	-5	2
4	-3	-5	1	-1	2	7	-6
5	7	4	-6	-2	-1	3	-1
6	-2	1	5	-7	-3	-1	4
7	-5	3	-2	6	1	-4	-1



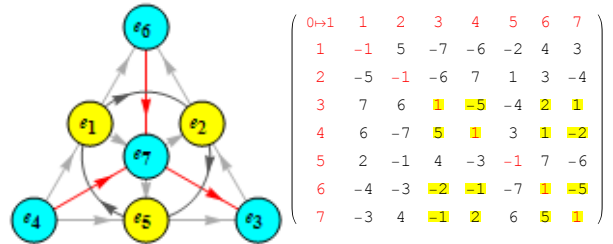
0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	-1	-6	7	1	3	-4
3	7	6	-1	5	-4	-2	-1
4	6	-7	-5	-1	3	-1	2
5	2	-1	4	-3	-1	7	-6
6	-4	-3	2	1	-7	-1	5
7	-3	4	1	-2	6	-5	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 6, 7) Not Flipped



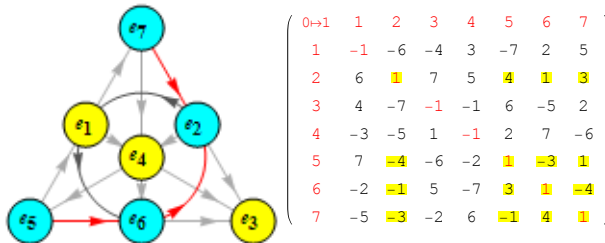
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	-1	7	5	-4	-1	-3
3	4	-7	1	1	-6	-5	-2
4	-3	-5	-1	1	-2	7	6
5	7	4	6	2	1	3	1
6	-2	1	5	-7	-3	-1	4
7	-5	3	2	-6	-1	-4	1



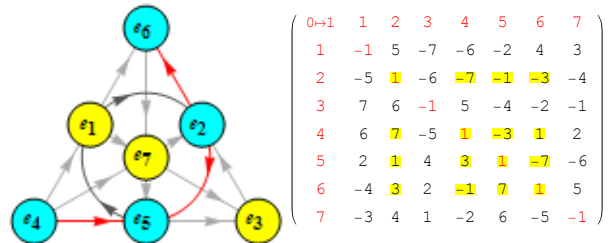
0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	-1	-6	7	1	3	-4
3	7	6	1	-5	-4	2	1
4	6	-7	5	1	3	1	-2
5	2	-1	4	-3	-1	7	-6
6	-4	-3	2	-1	-7	1	5
7	-3	4	1	2	6	5	1

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 4, 5, 6) Not Flipped



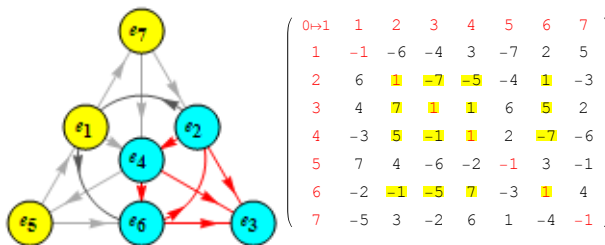
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	1	7	5	4	1	3
3	4	-7	-1	-1	6	-5	2
4	-3	-5	1	-1	2	7	-6
5	7	4	6	-2	1	3	1
6	-2	-1	5	-7	3	1	4
7	-5	-3	-2	6	-1	4	1



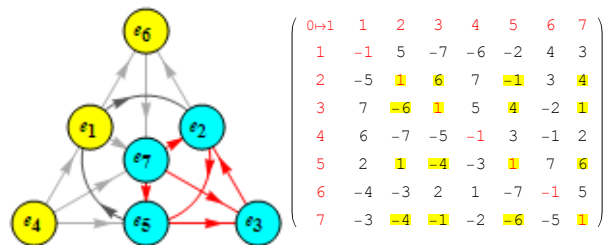
0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	1	-6	-7	1	-3	-4
3	7	6	-1	5	-4	-2	-1
4	6	-7	5	1	3	1	-2
5	2	1	4	3	1	7	-6
6	-4	3	2	-1	7	1	5
7	-3	4	1	-2	6	-5	-1

Split=3(2, 3, 4, 6) Flipped

Split=3(2, 3, 5, 7) Not Flipped



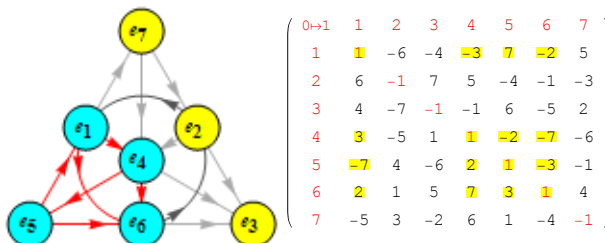
0→1	1	2	3	4	5	6	7
1	-1	-6	-4	3	-7	2	5
2	6	1	7	5	4	1	-3
3	4	7	1	1	6	5	2
4	-3	5	-1	1	2	7	-6
5	7	4	-6	-2	-1	3	-1
6	-2	-1	5	7	3	1	4
7	-5	3	-2	6	1	-4	-1



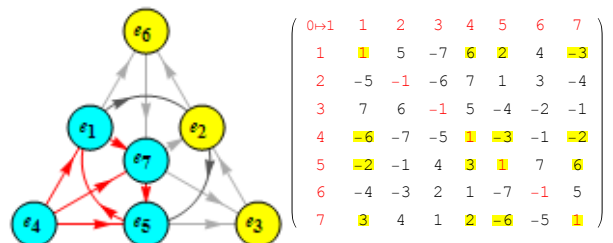
0→1	1	2	3	4	5	6	7
1	-1	5	-7	-6	-2	4	3
2	-5	1	6	7	1	3	4
3	7	-6	1	5	4	-2	1
4	6	-7	-5	-1	3	-1	2
5	2	1	4	3	1	7	6
6	-4	-3	2	1	-7	-1	5
7	-3	-4	-1	-2	-6	-5	1

Split=4(1, 4, 5, 6) Flipped

Split=4(1, 4, 5, 7) Not Flipped



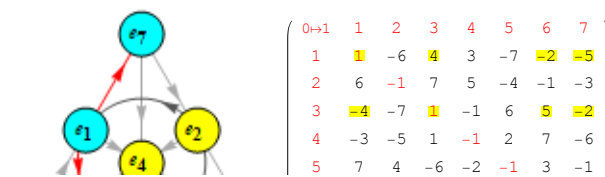
0→1	1	2	3	4	5	6	7
1	1	-6	-4	3	7	-2	5
2	6	-1	7	5	-4	-1	-3
3	4	-7	-1	-1	6	-5	2
4	3	-5	1	1	-2	7	-6
5	7	4	-6	-2	1	3	-1
6	2	1	5	7	3	1	4
7	-5	3	-2	6	1	-4	-1



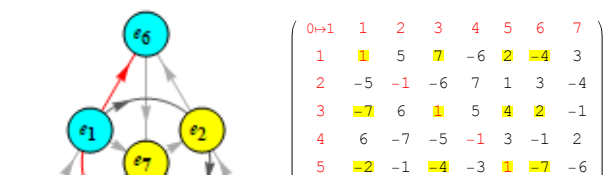
0→1	1	2	3	4	5	6	7
1	1	5	-7	6	2	4	-3
2	-5	-1	-6	7	1	3	-4
3	7	6	-1	5	-4	-2	-1
4	3	-6	-7	-5	1	-3	-1
5	-2	-1	4	3	1	7	6
6	-4	-3	2	1	-7	-1	5
7	3	4	1	2	-6	-5	1

Split=5(1, 3, 6, 7) Flipped

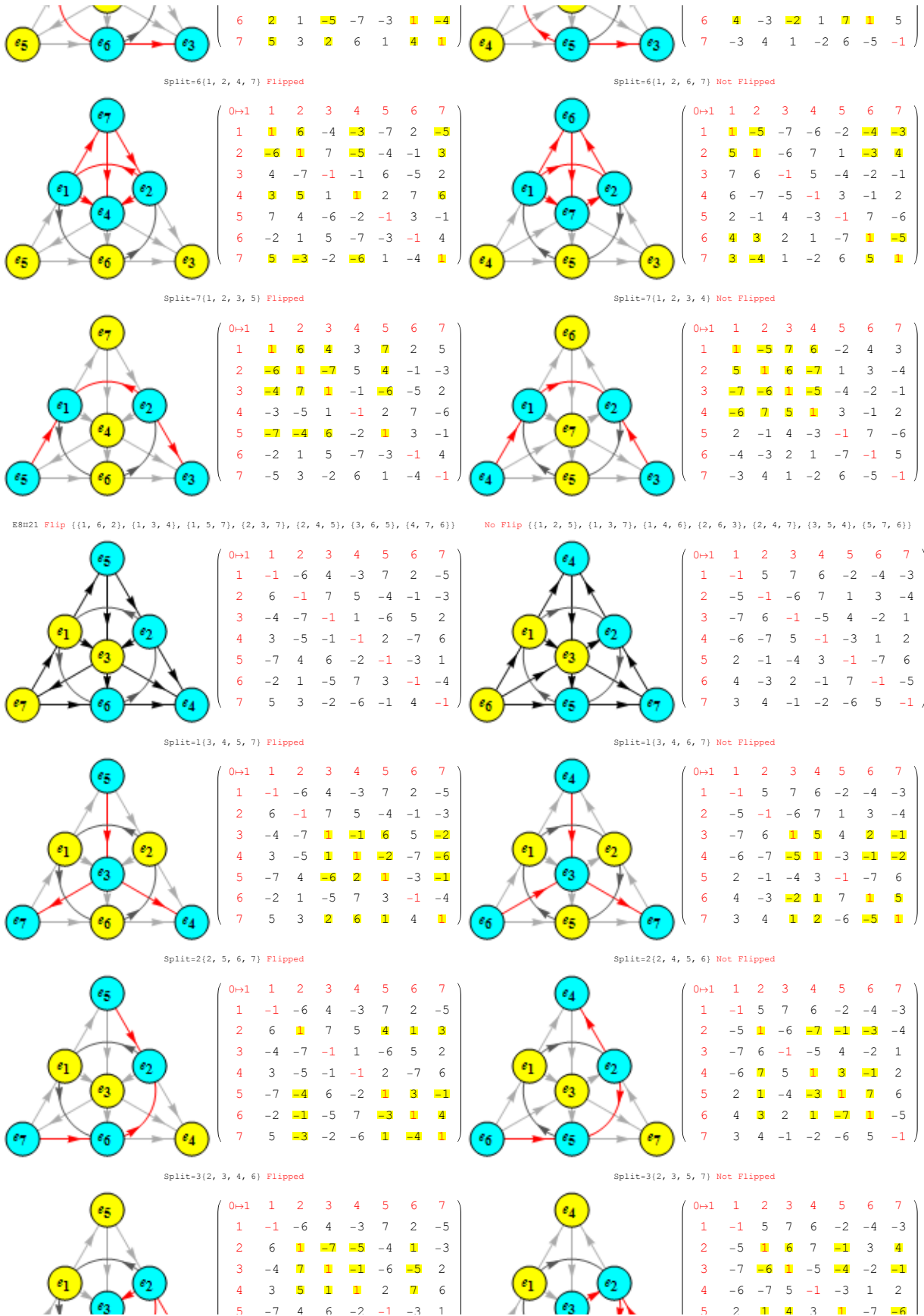
Split=5(1, 3, 5, 6) Not Flipped

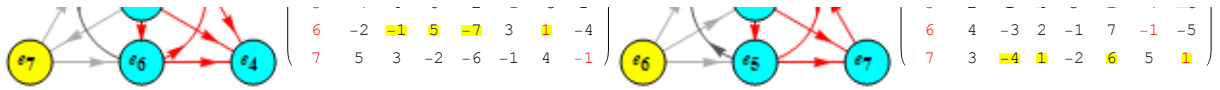


0→1	1	2	3	4	5	6	7
1	1	-6	4	3	-7	-2	-5
2	6	-1	7	5	-4	-1	-3
3	-4	-7	1	-1	6	5	-2
4	-3	-5	1	-1	2	7	-6
5	7	4	-6	-2	-1	3	-1



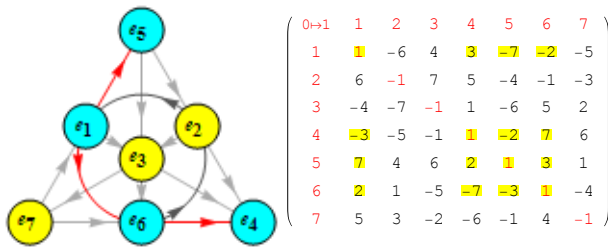
0→1	1	2	3	4	5	6	7
1	1	5	7	-6	2	-4	3
2	-5	-1	-6	7	1	3	-4
3	-7	6	1	5	4	2	-1
4	6	-7	-5	-1	3	-1	2
5	-2	-1	4	-3	1	-7	-6



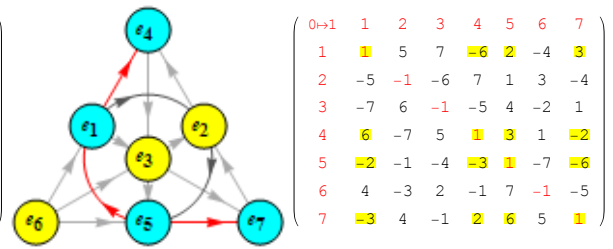


Split=4(1, 4, 5, 6) Flipped

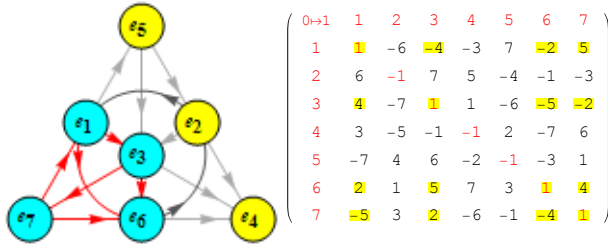
Split=4(1, 4, 5, 7) Not Flipped



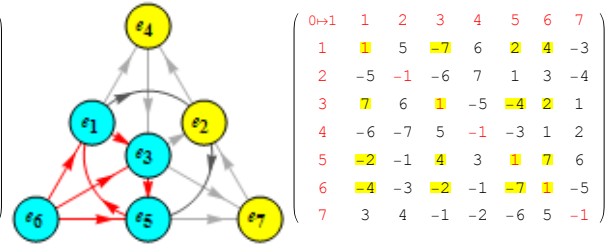
Split=5(1, 3, 6, 7) Flipped



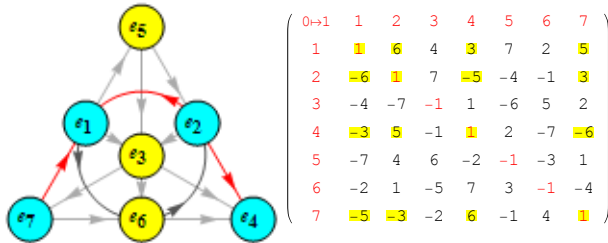
Split=5(1, 3, 5, 6) Not Flipped



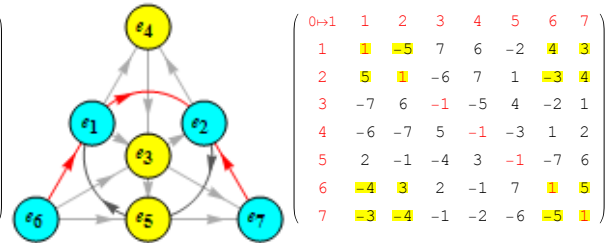
Split=6(1, 2, 4, 7) Flipped



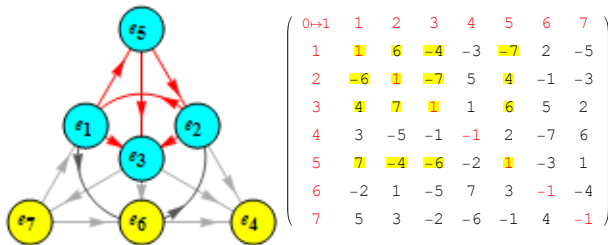
Split=6(1, 2, 6, 7) Not Flipped



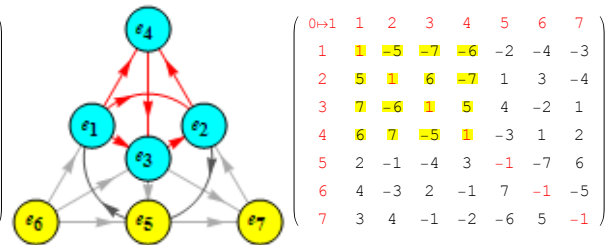
Split=7(1, 2, 3, 5) Flipped



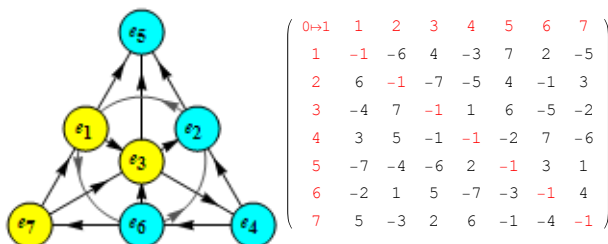
Split=7(1, 2, 3, 4) Not Flipped



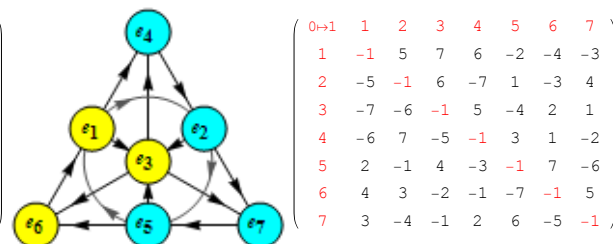
EBH126 Flip ((1, 6, 2), (1, 3, 4), (1, 5, 7), (2, 7, 3), (2, 5, 4), (3, 5, 6), (4, 6, 7))



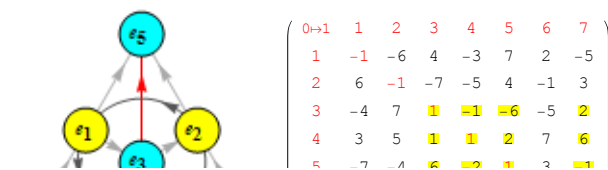
No Flip ((1, 2, 5), (1, 3, 7), (1, 4, 6), (2, 3, 6), (2, 7, 4), (3, 4, 5), (5, 6, 7))

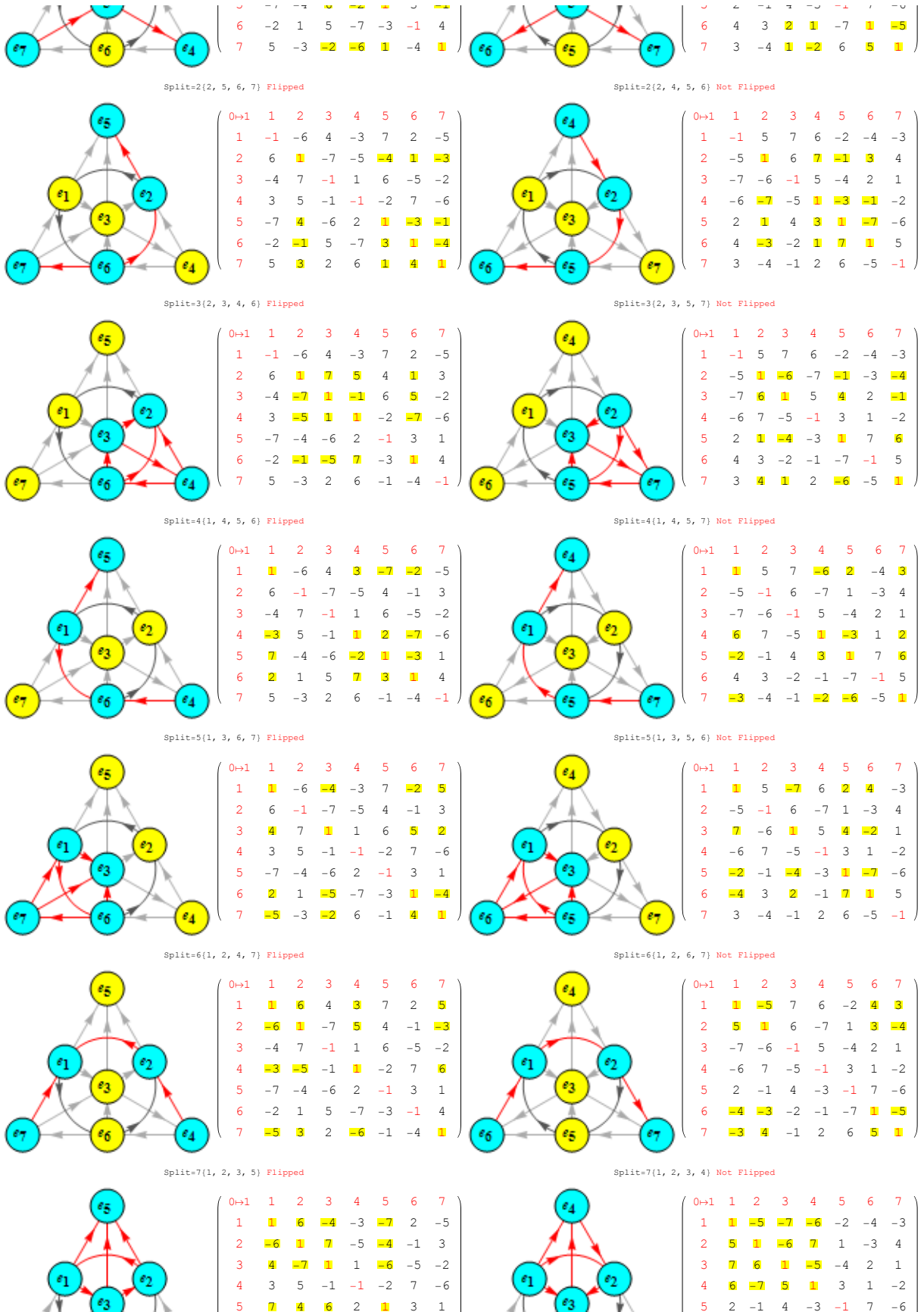


Split=1(3, 4, 5, 7) Flipped



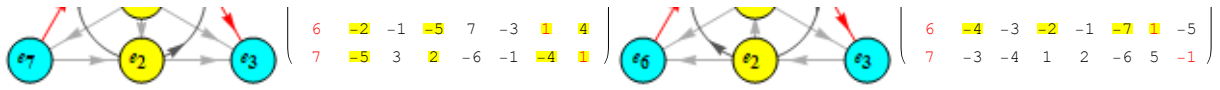
Split=1(3, 4, 6, 7) Not Flipped











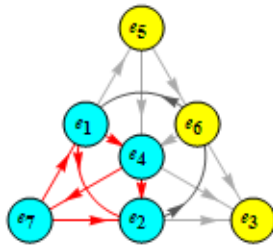
6	-2	-1	-5	7	-3	4
7	-5	3	2	-6	-1	-4

Split=6(1, 2, 4, 7) Flipped



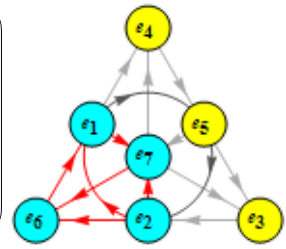
6	-4	-3	-2	-1	-7	-5
7	-3	-4	1	2	-6	5

Split=6(1, 2, 6, 7) Not Flipped



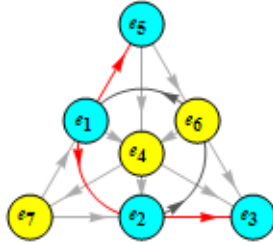
0→1	1	2	3	4	5	6	7
1	1	-6	-4	-3	7	-2	5
2	6	1	7	5	4	1	3
3	4	-7	-1	-1	6	-5	2
4	3	-5	1	1	-2	-7	-6
5	-7	-4	-6	2	-1	3	1
6	2	-1	5	7	-3	-1	-4
7	-5	-3	-2	6	-1	4	1

Split=7(1, 2, 3, 5) Flipped



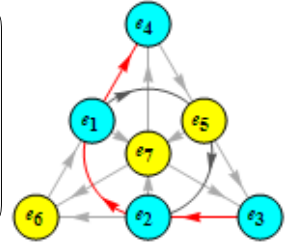
0→1	1	2	3	4	5	6	7
1	1	5	-7	6	2	4	-3
2	-5	1	-6	-7	-1	-3	-4
3	7	6	-1	5	-4	-2	-1
4	-6	7	-5	-1	3	1	-2
5	-2	1	4	-3	-1	-7	6
6	-4	3	2	-1	7	1	5
7	3	4	1	2	-6	-5	1

Split=7(1, 2, 3, 4) Not Flipped



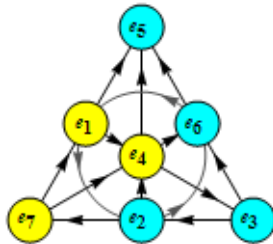
0→1	1	2	3	4	5	6	7
1	1	-6	4	3	-7	-2	-5
2	6	1	-7	-5	-4	1	-3
3	-4	7	1	-1	-6	-5	2
4	-3	5	1	-1	-2	-7	6
5	7	4	6	2	1	3	1
6	2	-1	5	7	-3	-1	-4
7	5	3	-2	-6	-1	4	-1

E8m160 Flip ((1, 2, 6), (1, 4, 3), (1, 5, 7), (2, 7, 3), (2, 4, 5), (3, 6, 5), (4, 6, 7))



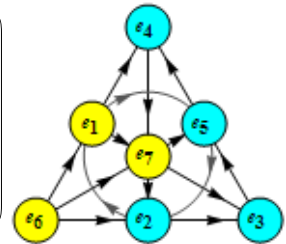
0→1	1	2	3	4	5	6	7
1	1	5	7	-6	2	-4	3
2	-5	1	6	7	-1	3	4
3	-7	-6	1	-5	-4	-2	-1
4	6	-7	5	1	3	1	-2
5	-2	1	4	-3	-1	-7	6
6	4	-3	2	-1	7	-1	-5
7	-3	-4	1	2	-6	5	-1

No Flip ((1, 5, 2), (1, 7, 3), (1, 4, 6), (2, 3, 6), (2, 4, 7), (3, 5, 4), (5, 6, 7))



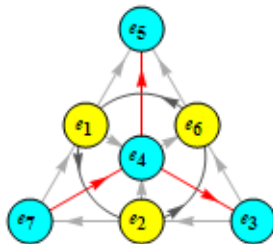
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	7	-2	-5
2	-6	-1	-7	5	-4	1	3
3	4	7	-1	-1	-6	5	-2
4	-3	-5	1	-1	2	7	-6
5	-7	4	6	-2	-1	-3	1
6	2	-1	-5	-7	3	-1	4
7	5	-3	2	6	-1	-4	-1

Split=1(3, 4, 5, 7) Flipped



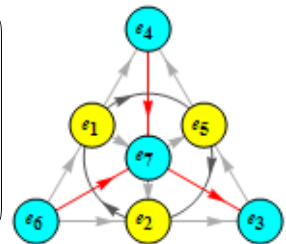
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	6	2	-4	3
2	5	-1	6	7	-1	-3	-4
3	7	-6	-1	-5	4	2	-1
4	-6	-7	5	-1	-3	1	2
5	-2	1	-4	3	-1	7	-6
6	4	3	-2	-1	-7	-1	5
7	-3	4	1	-2	6	-5	-1

Split=1(3, 4, 6, 7) Not Flipped



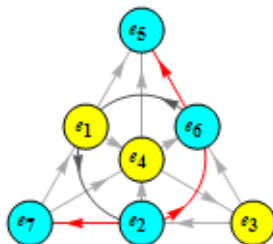
0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	7	-2	-5
2	-6	-1	-7	5	-4	1	3
3	4	7	1	1	6	5	2
4	-3	-5	-1	1	-2	7	6
5	-7	4	-6	2	1	-3	-1
6	2	-1	-5	-7	3	-1	4
7	5	-3	-2	-6	1	-4	1

Split=2(2, 5, 6, 7) Flipped



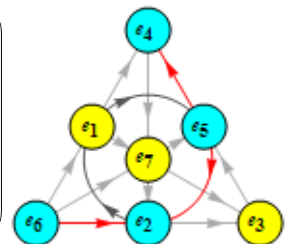
0→1	1	2	3	4	5	6	7
1	-1	-5	-7	6	2	-4	3
2	5	-1	6	7	-1	-3	-4
3	7	-6	1	5	4	-2	1
4	-6	-7	-5	1	-3	-1	-2
5	-2	1	-4	3	-1	7	-6
6	4	3	2	1	-7	1	-5
7	-3	4	1	-2	6	5	1

Split=2(2, 4, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	7	-2	-5
2	-6	1	-7	5	4	-1	3
3	4	7	-1	-1	-6	5	-2
4	-3	-5	1	-1	2	7	-6
5	-7	-4	6	-2	1	3	-1
6	2	1	-5	-7	-3	1	-4
7	5	3	2	6	1	4	1

Split=3(2, 3, 4, 6) Flipped



0→1	1	2	3	4	5	6	7
1	-1	-5	-7	6	2	-4	3
2	5	1	-6	7	1	-3	4
3	7	6	1	-5	-4	2	1
4	-6	-7	5	-1	-3	1	2
5	-2	-1	-4	-3	1	-7	-6
6	4	-3	-2	1	7	1	5
7	-3	4	1	-2	6	-5	-1

Split=3(2, 3, 5, 7) Not Flipped

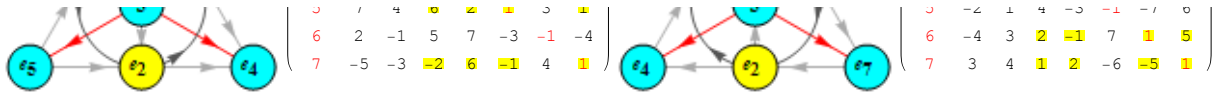


0→1	1	2	3	4	5	6	7
1	-1	6	-4	3	7	-2	-5
2	-6	1	-7	5	-4	-1	3
3	4	-7	1	1	-6	-5	-2
4	-3	5	-1	1	2	-7	-6
5	-7	4	6	-2	-1	-3	1

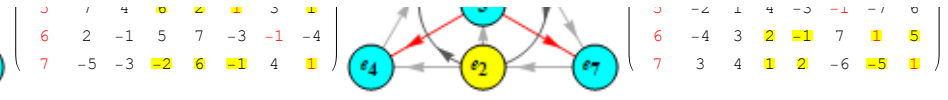


0→1	1	2	3	4	5	6	7
1	-1	-5	-7	6	2	-4	3
2	5	1	-6	7	1	-3	4
3	7	6	1	-5	-4	2	1
4	-6	-7	5	-1	-3	1	2
5	-2	-1	-4	-3	1	-7	-6

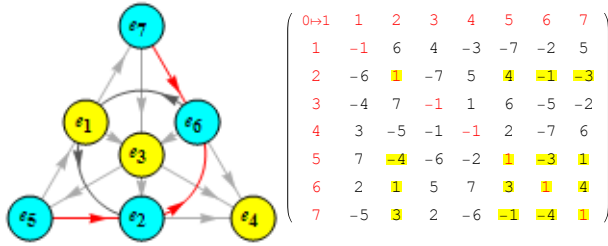




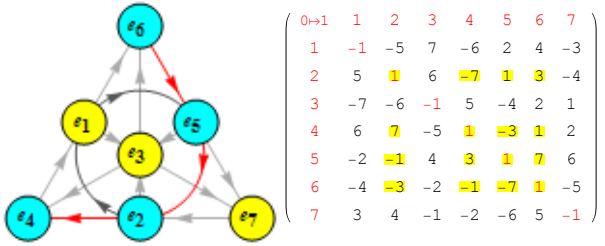
Split=2(2, 5, 6, 7) Flipped



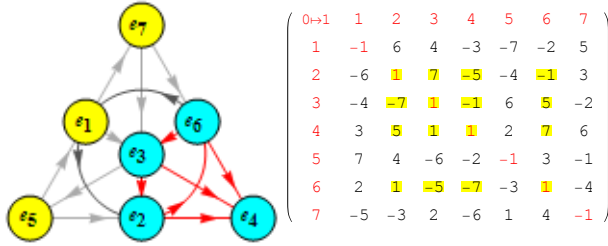
Split=2(2, 4, 5, 6) Not Flipped



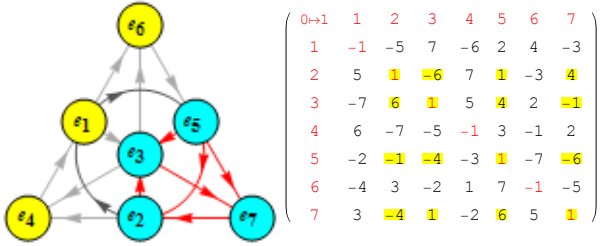
Split=3(2, 3, 4, 6) Flipped



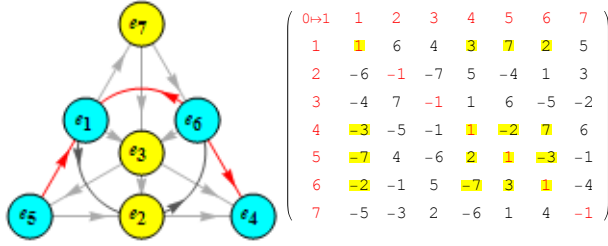
Split=3(2, 3, 5, 7) Not Flipped



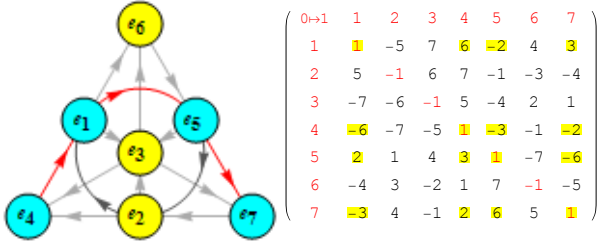
Split=4(1, 4, 5, 6) Flipped



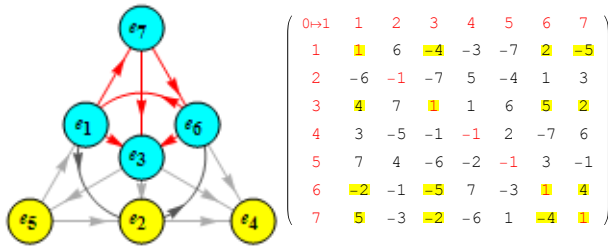
Split=4(1, 4, 5, 7) Not Flipped



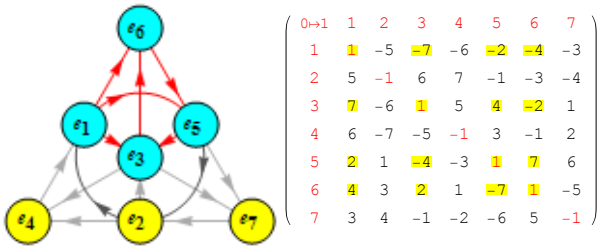
Split=5(1, 3, 6, 7) Flipped



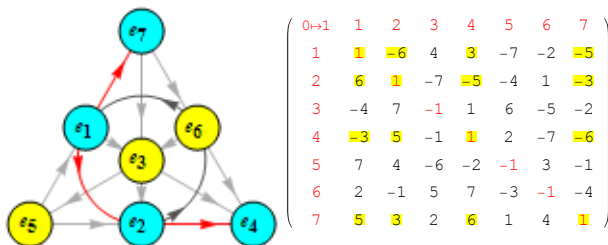
Split=5(1, 3, 5, 6) Not Flipped



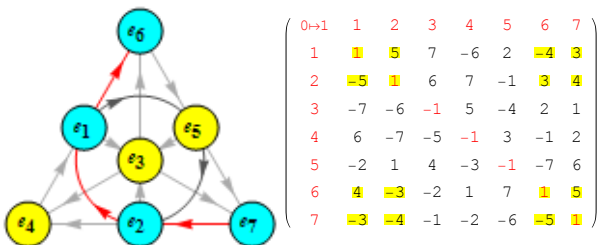
Split=6(1, 2, 4, 7) Flipped



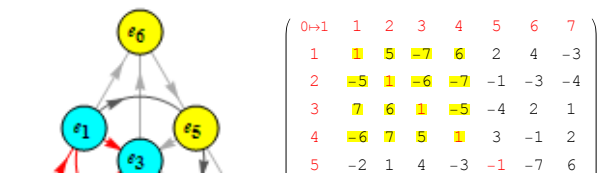
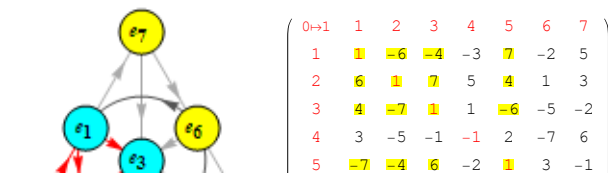
Split=6(1, 2, 6, 7) Not Flipped

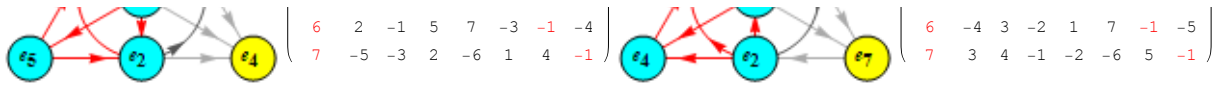


Split=7(1, 2, 3, 5) Flipped



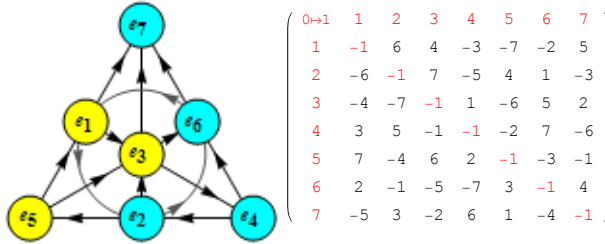
Split=7(1, 2, 3, 4) Not Flipped



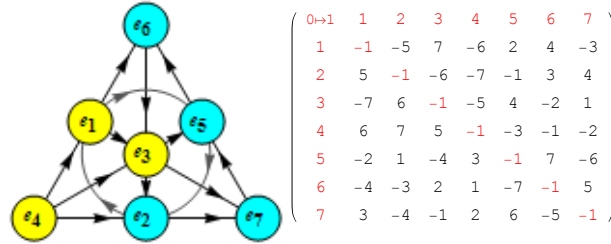


EBH156 Flip  $\{(1, 2, 6), (1, 3, 4), (1, 7, 5), (2, 3, 7), (2, 5, 4), (3, 6, 5), (4, 6, 7)\}$

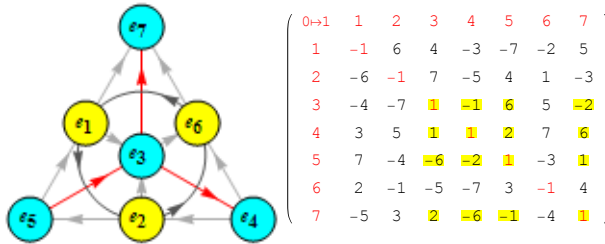
No Flip  $\{(1, 5, 2), (1, 3, 7), (1, 6, 4), (2, 6, 3), (2, 7, 4), (3, 5, 4), (5, 6, 7)\}$



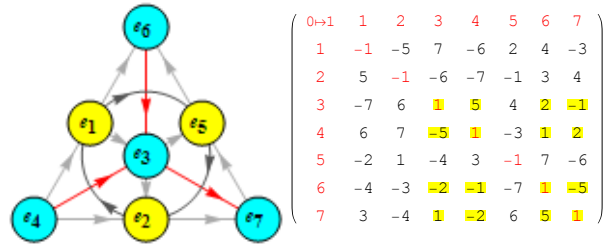
Split=1(3, 4, 5, 7) Flipped



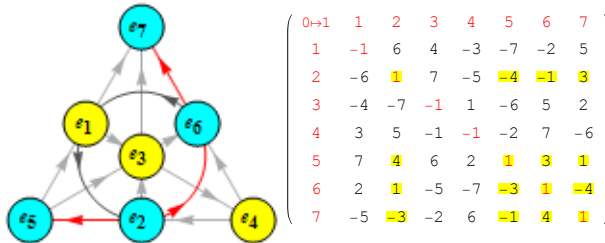
Split=1(3, 4, 6, 7) Not Flipped



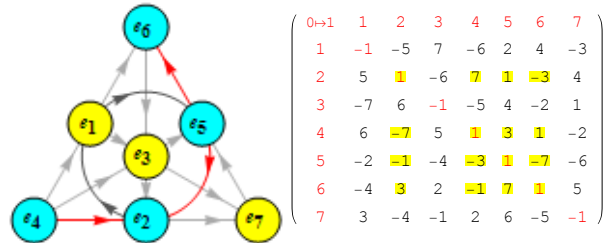
Split=2(2, 5, 6, 7) Flipped



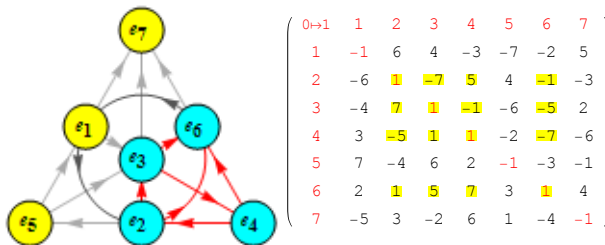
Split=2(2, 4, 5, 6) Not Flipped



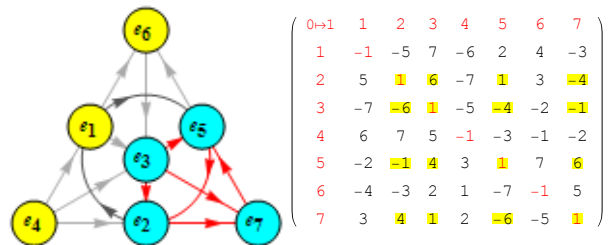
Split=3(2, 3, 4, 6) Flipped



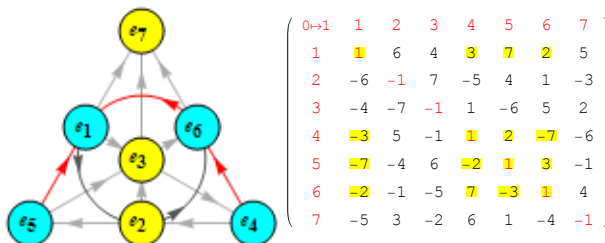
Split=3(2, 3, 5, 7) Not Flipped



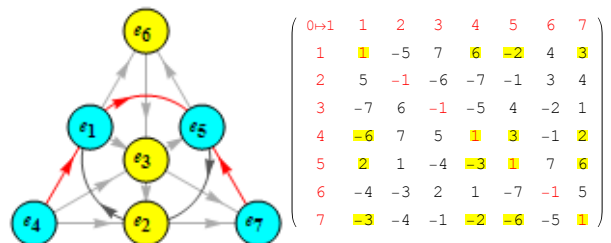
Split=4(1, 4, 5, 6) Flipped



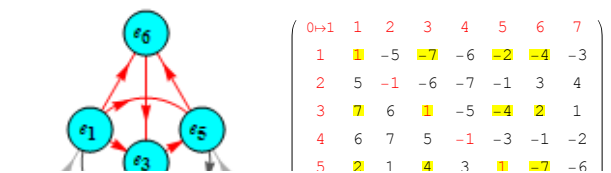
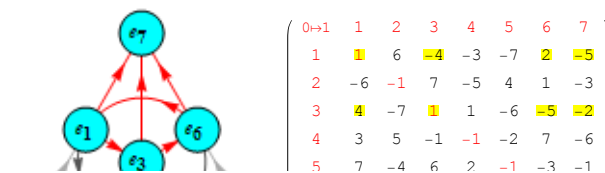
Split=4(1, 4, 5, 7) Not Flipped

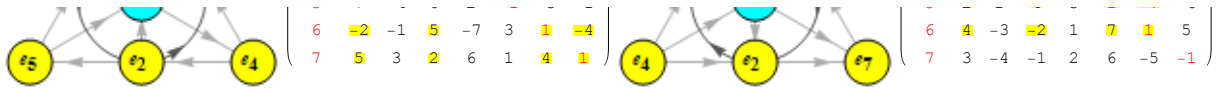


Split=5(1, 3, 6, 7) Flipped



Split=5(1, 3, 5, 6) Not Flipped





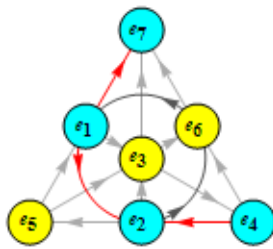
-	-	-	-	-	-	-	-
6	=2	-1	5	-7	3	=4	
7	5	3	2	6	1	4	

Split=6(1, 2, 4, 7) Flipped



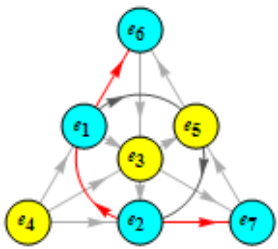
-	-	-	-	-	-	-	-
6	4	-3	=2	1	7		5
7	3	-4	-1	2	6	-5	-1

Split=6(1, 2, 6, 7) Not Flipped



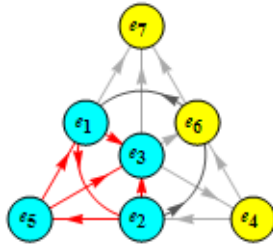
0	→	1	2	3	4	5	6	7
1			=6	4	3	-7	-2	=5
2		6		7	5	4	1	3
3		-4	-7	-1	1	-6	5	2
4		=3	=5	-1		-2	7	6
5		7	-4	6	2	-1	-3	-1
6		2	-1	-5	-7	3	-1	4
7		5	=3	-2	=6	1	-4	

Split=7(1, 2, 3, 5) Flipped



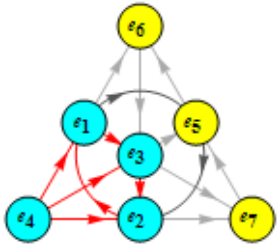
0	→	1	2	3	4	5	6	7
1			5	7	-6	2	=4	3
2		=5		-6	-7	-1	=3	=4
3		-7	6	-1	-5	4	-2	1
4		6	7	5	-1	-3	-1	-2
5		-2	1	-4	3	-1	7	-6
6		4	3	2	1	-7		=5
7		=3	4	-1	2	6	5	

Split=7(1, 2, 3, 4) Not Flipped



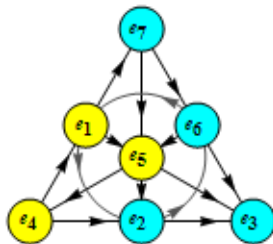
0	→	1	2	3	4	5	6	7
1			=6	=4	-3	7	-2	5
2		6		=7	-5	=4	1	-3
3		4	7		1	6	5	2
4		3	5	-1	-1	-2	7	-6
5		=7	4	=6	2		-3	-1
6		2	-1	-5	-7	3	-1	4
7		-5	3	-2	6	1	-4	-1

EBM33 Flip {(1, 2, 6), (1, 5, 3), (1, 7, 4), (2, 3, 4), (2, 7, 5), (3, 7, 6), (4, 6, 5)}



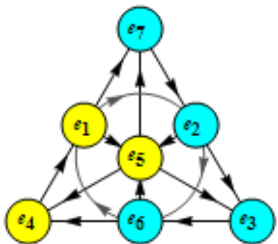
0	→	1	2	3	4	5	6	7
1			5	=7	6	2	4	-3
2		=5		6	7	-1	3	4
3		7	=6		5	4	-2	1
4		=6	=7	=5		-3	-1	-2
5		-2	1	-4	3	-1	7	-6
6		-4	-3	2	1	-7	-1	5
7		3	-4	-1	2	6	-5	-1

No Flip {(1, 2, 6), (1, 5, 3), (1, 7, 4), (2, 3, 7), (2, 5, 4), (3, 6, 4), (5, 7, 6)}



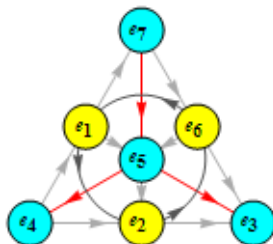
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6	-1	4	-3	-7	1	5
3		5	-4	-1	2	-1	-7	6
4		7	3	-2	-1	-6	5	-1
5		-3	7	1	6	-1	-4	-2
6		2	-1	7	-5	4	-1	-3
7		-4	-5	-6	1	2	3	-1

Split=1(3, 4, 5, 7) Flipped



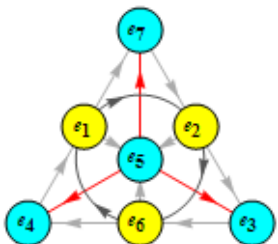
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6	-1	7	-5	4	1	-3
3		5	-7	-1	-6	-1	4	2
4		7	5	6	-1	-2	-3	-1
5		-3	-4	1	2	-1	-7	6
6		2	-1	-4	3	7	-1	-5
7		-4	3	-2	1	-6	5	-1

Split=1(3, 4, 5, 7) Not Flipped



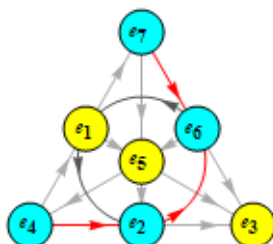
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6	-1	4	-3	-7	1	5
3		5	-4		=2	1	-7	=6
4		7	3	2	1	6	5	1
5		-3	7	=1	=6	1	-4	2
6		2	-1	7	-5	4	-1	-3
7		-4	-5	6	=1	=2	3	

Split=2(2, 4, 6, 7) Flipped



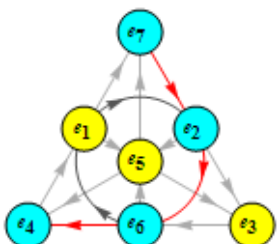
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6	-1	7	-5	4	1	-3
3		5	-7		6	1	4	=2
4		7	5	=6	1	2	-3	1
5		-3	-4	=1	=2	1	-7	=6
6		2	-1	-4	3	7	-1	-5
7		-4	3	2	=1	6	5	

Split=2(2, 4, 6, 7) Not Flipped



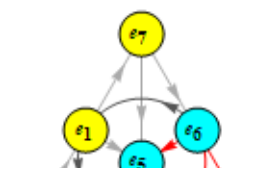
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6		4	3	-7	=1	=5
3		5	-4	-1	2	-1	-7	6
4		7	=3	-2		-6	=5	1
5		-3	7	1	6	-1	-4	-2
6		2	1	7	5	4	1	3
7		-4	5	-6	=1	2	=3	

Split=3(2, 3, 5, 6) Flipped

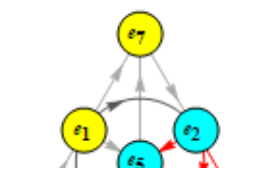


0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6		7	5	4	=1	3
3		5	-7	-1	-6	-1	4	2
4		7	=5	6		-2	3	1
5		-3	-4	1	2	-1	-7	6
6		2	1	-4	=3	7	1	5
7		-4	=3	-2	=1	-6	=5	

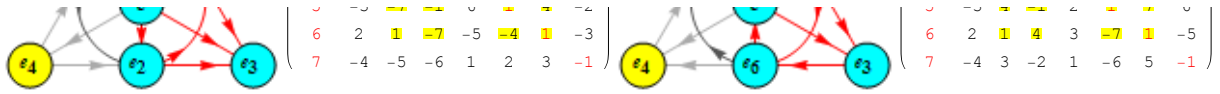
Split=3(2, 3, 5, 6) Not Flipped



0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6		=4	-3	7	=1	5
3		5	4		2	1	7	6
4		7	3	-2	-1	-6	5	-1
5		-2	=7	=1	6			-2



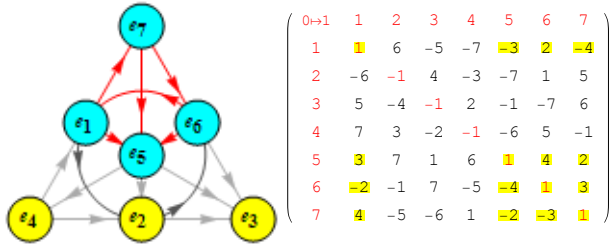
0	→	1	2	3	4	5	6	7
1		-1	6	-5	-7	3	-2	4
2		-6		=7	-5	=4	=1	-3
3		5	7		-6	1	=4	2
4		7	5	6	-1	-2	-3	-1
5		-3	=7	=1	6			-2



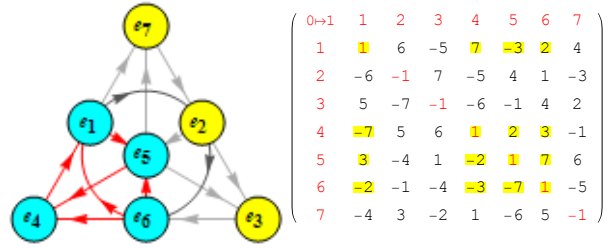
Split=4(1, 5, 6, 7) Flipped



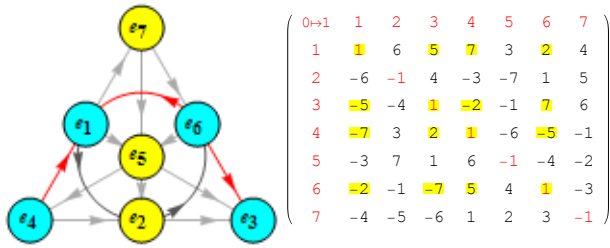
Split=4(1, 4, 5, 6) Not Flipped



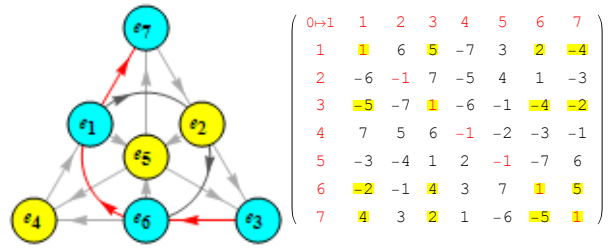
Split=5(1, 3, 4, 6) Flipped



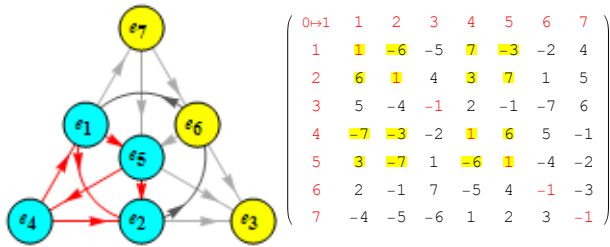
Split=5(1, 3, 6, 7) Not Flipped



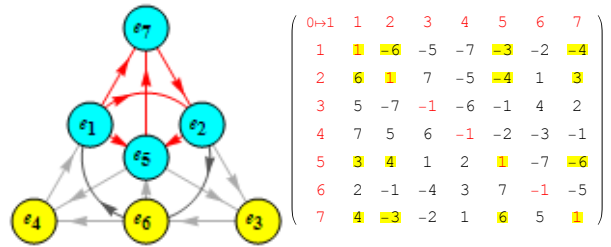
Split=6(1, 2, 4, 5) Flipped



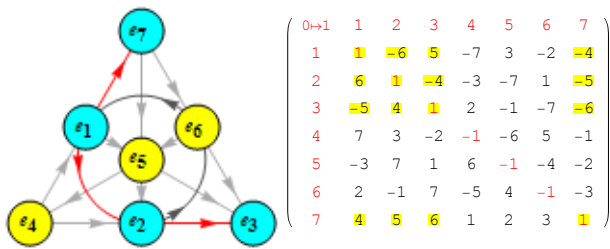
Split=6(1, 2, 5, 7) Not Flipped



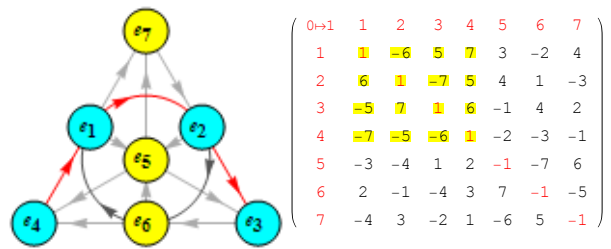
Split=7(1, 2, 3, 7) Flipped



Split=7(1, 2, 3, 4) Not Flipped

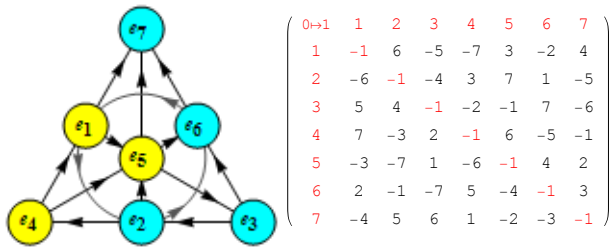


Split=7(1, 2, 3, 7) Flipped

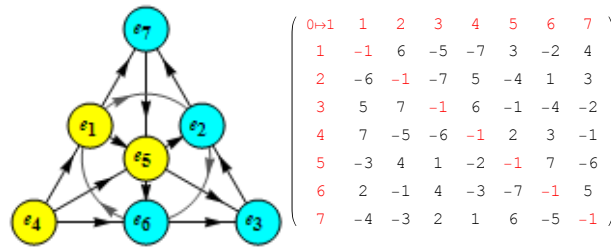


Split=7(1, 2, 3, 4) Not Flipped

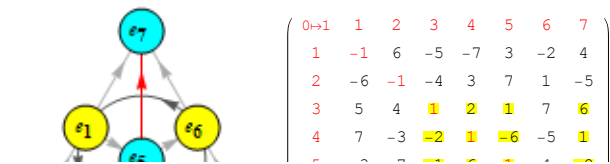
EB107 Flip {(1, 2, 6), (1, 5, 3), (1, 7, 4), (2, 4, 3), (2, 5, 7), (3, 6, 7), (4, 5, 6)} No Flip {(1, 2, 6), (1, 5, 3), (1, 7, 4), (2, 7, 3), (2, 4, 5), (3, 4, 6), (5, 6, 7)}

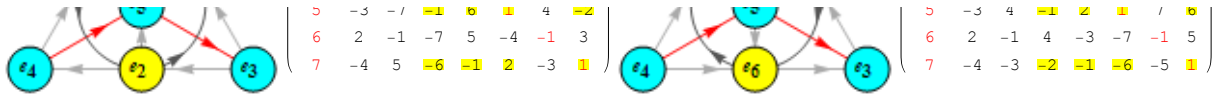


Split=1(3, 4, 5, 7) Flipped

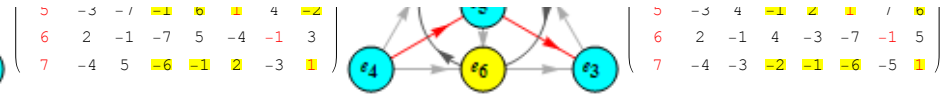


Split=1(3, 4, 5, 7) Not Flipped

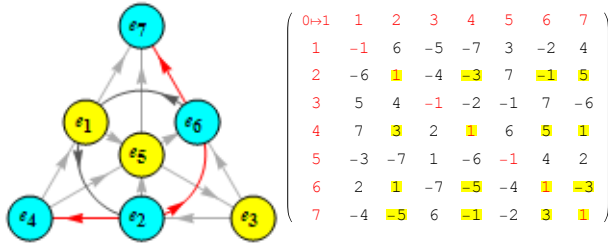




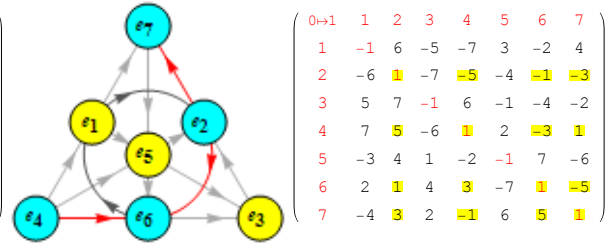
Split=2(2, 4, 6, 7) Flipped



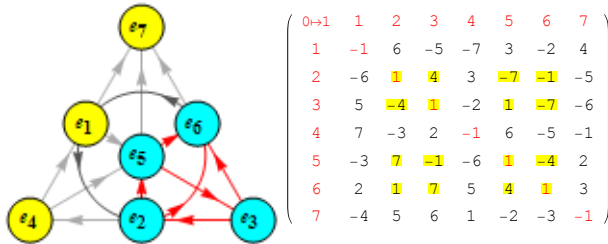
Split=2(2, 4, 6, 7) Not Flipped



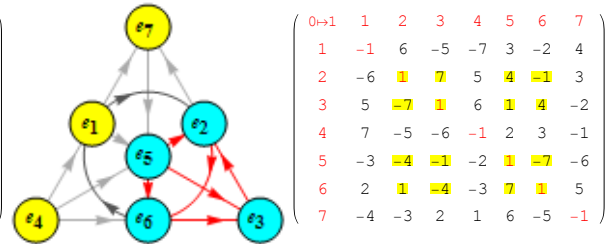
Split=3(2, 3, 5, 6) Flipped



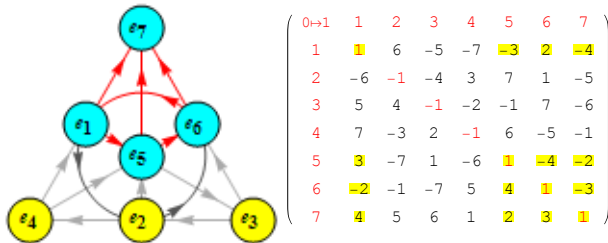
Split=3(2, 3, 5, 6) Not Flipped



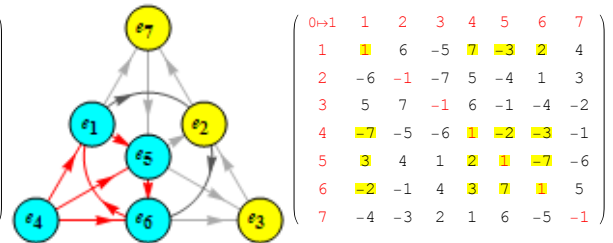
Split=4(1, 5, 6, 7) Flipped



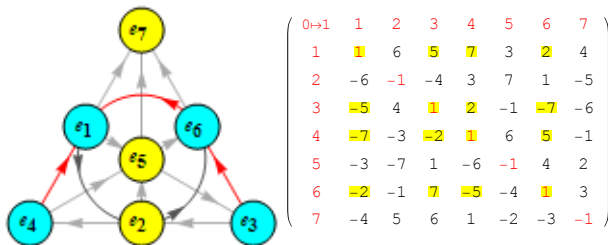
Split=4(1, 4, 5, 6) Not Flipped



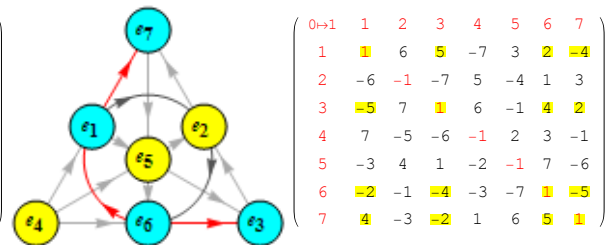
Split=5(1, 3, 4, 6) Flipped



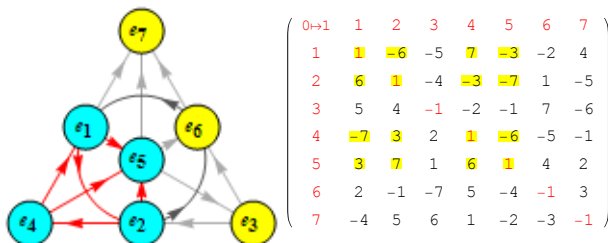
Split=5(1, 3, 6, 7) Not Flipped



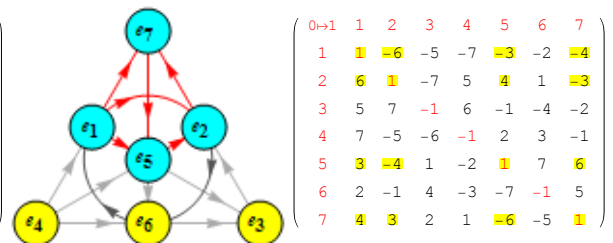
Split=6(1, 2, 4, 5) Flipped



Split=6(1, 2, 5, 7) Not Flipped

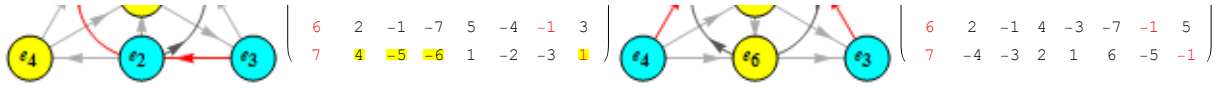


Split=7(1, 2, 3, 7) Flipped



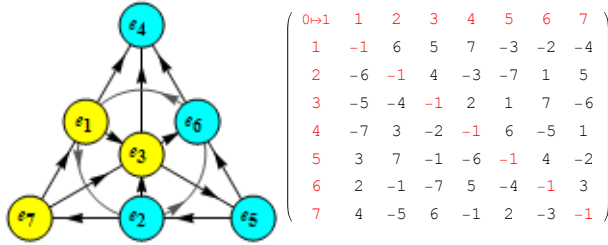
Split=7(1, 2, 3, 4) Not Flipped



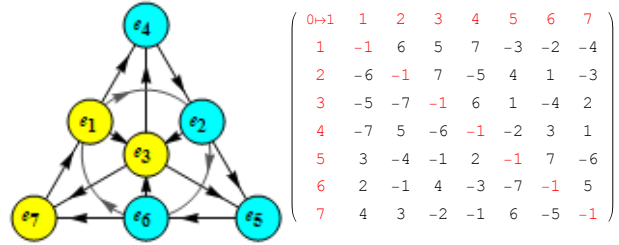


BBn36 Flip  $\{(1, 2, 6), (1, 3, 5), (1, 4, 7), (2, 3, 4), (2, 7, 5), (3, 6, 7), (4, 5, 6)\}$

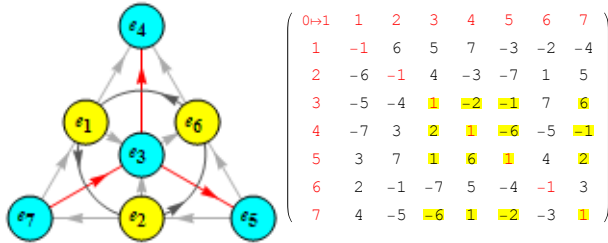
No Flip  $\{(1, 2, 6), (1, 3, 5), (1, 4, 7), (2, 3, 7), (2, 5, 4), (3, 4, 6), (5, 6, 7)\}$



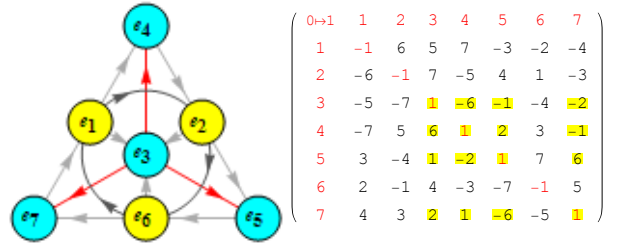
Split=1(3, 4, 5, 7) Flipped



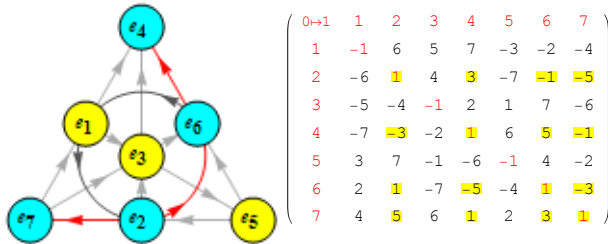
Split=1(3, 4, 5, 7) Not Flipped



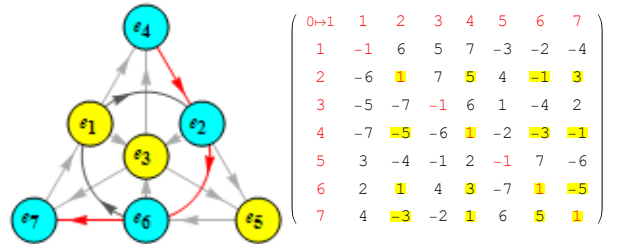
Split=2(2, 4, 6, 7) Flipped



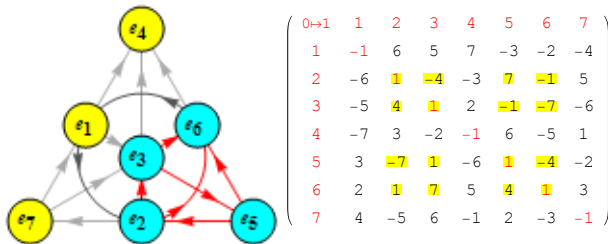
Split=2(2, 4, 6, 7) Not Flipped



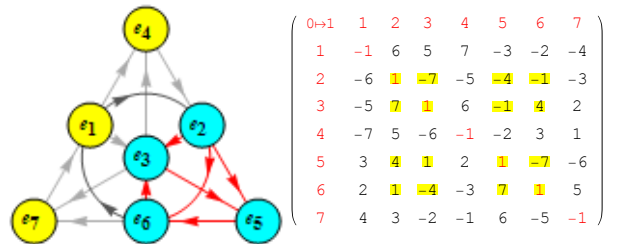
Split=3(2, 3, 5, 6) Flipped



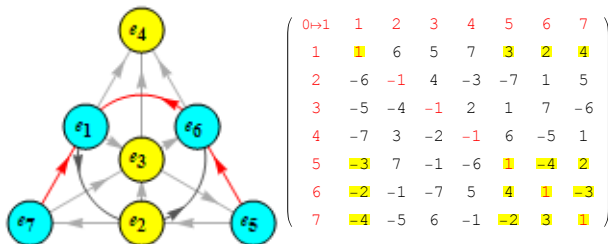
Split=3(2, 3, 5, 6) Not Flipped



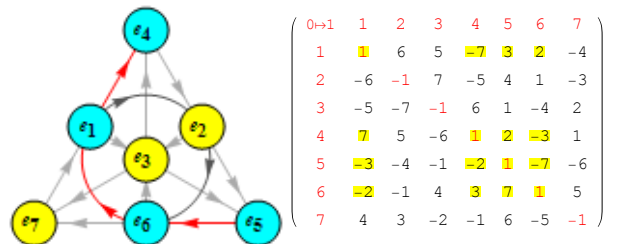
Split=4(1, 5, 6, 7) Flipped



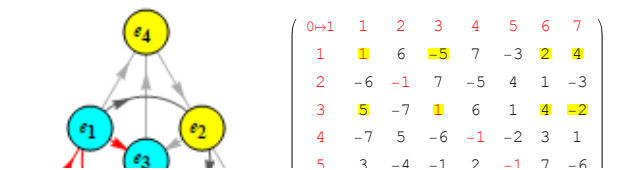
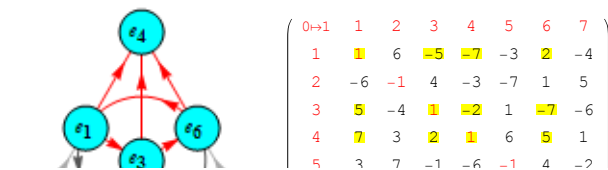
Split=4(1, 5, 6, 7) Not Flipped

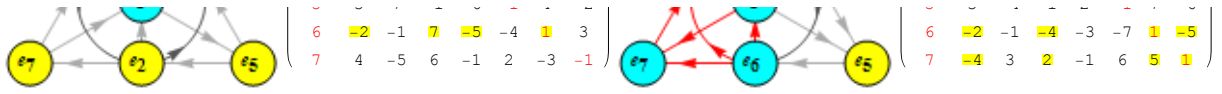


Split=5(1, 3, 4, 6) Flipped

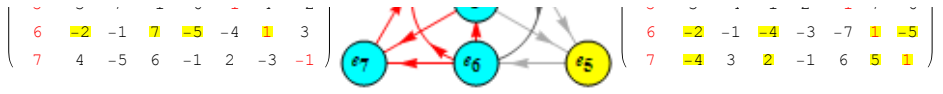


Split=5(1, 3, 4, 6) Not Flipped

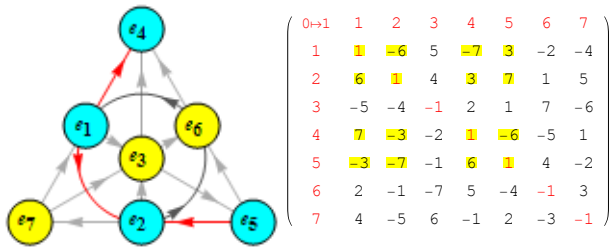




Split=6(1, 2, 4, 5) Flipped

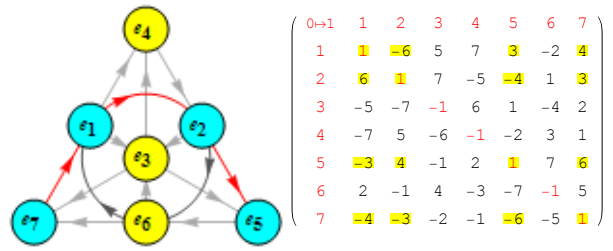


Split=6(1, 2, 5, 7) Not Flipped



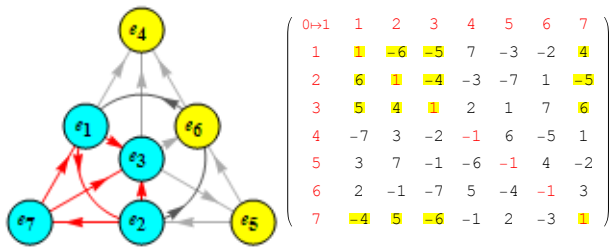
Split=7(1, 2, 3, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	5	-7	3	-2	-4
2	6	1	4	3	7	1	5
3	-5	-4	-1	2	1	7	-6
4	7	-3	-2	1	-6	-5	1
5	-3	-7	-1	6	1	4	-2
6	2	-1	-7	5	-4	-1	3
7	4	-5	6	-1	2	-3	-1



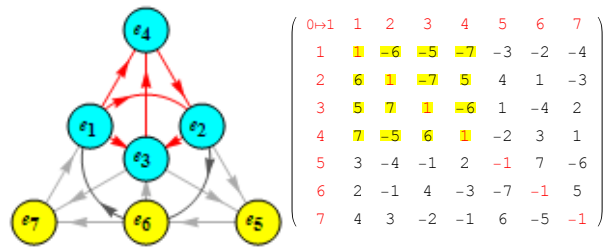
Split=7(1, 2, 3, 4) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	5	7	3	-2	4
2	6	1	7	-5	-4	1	3
3	-5	-7	-1	6	1	-4	2
4	-7	5	-6	-1	-2	3	1
5	-3	4	-1	2	1	7	6
6	2	-1	4	-3	-7	-1	5
7	-4	-3	-2	-1	-6	-5	1



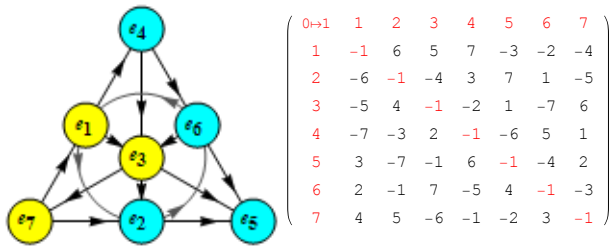
EBM104 Flip ((1, 2, 6), (1, 3, 5), (1, 4, 7), (2, 4, 3), (2, 5, 7), (3, 7, 6), (4, 6, 5))

0→1	1	2	3	4	5	6	7
1	1	-6	-5	7	-3	-2	4
2	6	1	-4	-3	-7	1	-5
3	5	4	1	2	1	7	6
4	-7	3	-2	-1	6	-5	1
5	3	7	-1	-6	-1	4	-2
6	2	-1	-7	5	-4	-1	3
7	-4	5	-6	-1	2	-3	1



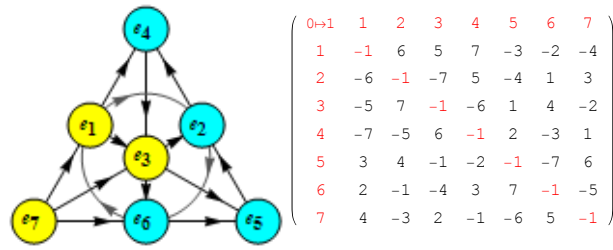
No Flip ((1, 2, 6), (1, 3, 5), (1, 4, 7), (2, 7, 3), (2, 4, 5), (3, 6, 4), (5, 7, 6))

0→1	1	2	3	4	5	6	7
1	1	-6	-5	-7	-3	-2	-4
2	6	1	-7	5	4	1	-3
3	5	7	1	-6	1	-4	2
4	7	-5	6	1	-2	3	1
5	3	-4	-1	2	-1	7	-6
6	2	-1	4	-3	-7	-1	5
7	4	3	-2	-1	6	-5	-1



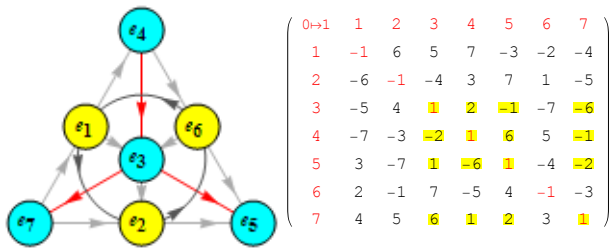
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	-1	-4	3	7	1	-5
3	-5	4	-1	-2	1	-7	6
4	-7	-3	2	-1	-6	5	1
5	3	-7	-1	6	-1	-4	2
6	2	-1	7	-5	4	-1	-3
7	4	5	-6	-1	-2	3	-1



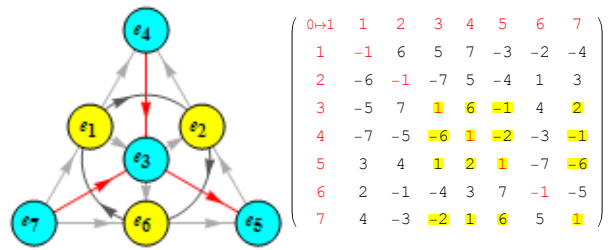
Split=1(3, 4, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	-1	-7	5	-4	1	3
3	-5	7	-1	-6	1	4	-2
4	-7	-5	6	-1	2	-3	1
5	3	4	-1	-2	-1	-7	6
6	2	-1	-4	3	7	-1	-5
7	4	-3	2	-1	-6	5	-1



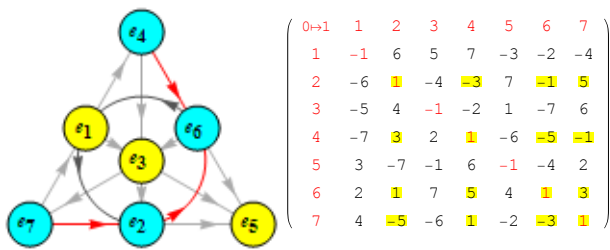
Split=2(2, 4, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	-1	-4	3	7	1	-5
3	-5	4	1	2	-1	-7	-6
4	-7	-3	-2	1	6	5	-1
5	3	-7	1	-6	1	-4	-2
6	2	-1	7	-5	4	-1	-3
7	4	5	6	1	2	3	1



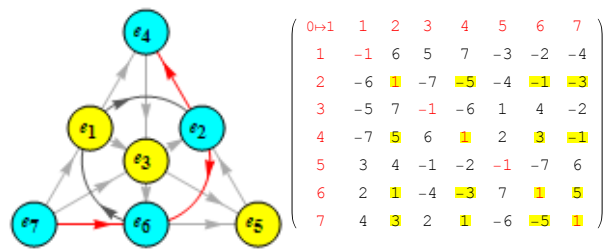
Split=2(2, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	-1	-7	5	-4	1	3
3	-5	7	1	6	-1	4	2
4	-7	-5	-6	1	2	-3	-1
5	3	4	1	2	1	-7	-6
6	2	-1	-4	3	7	-1	-5
7	4	-3	-2	-1	6	5	1



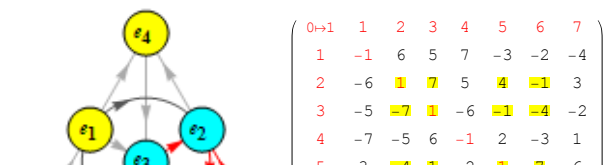
Split=3(2, 3, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	1	4	3	-7	-1	-5
3	-5	-4	1	-2	-1	7	6
4	-7	-3	2	-1	-6	5	1
5	3	-7	-1	6	-1	-4	2
6	2	1	7	5	4	1	3
7	4	-5	-6	1	-2	-3	1

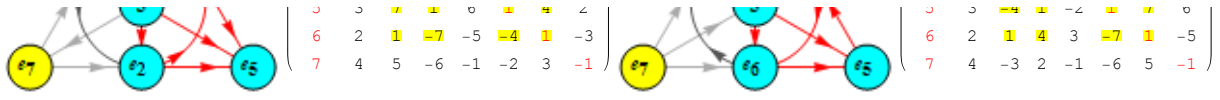


Split=3(2, 3, 5, 6) Not Flipped

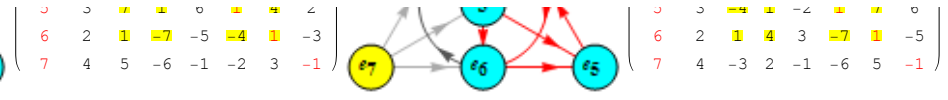
0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	1	7	5	4	-1	3
3	-5	-7	1	-6	-1	-4	-2
4	-7	-5	6	1	2	3	-1
5	3	4	-1	-2	-1	-7	6
6	2	1	-4	-3	7	1	5
7	4	3	2	1	-6	-5	1



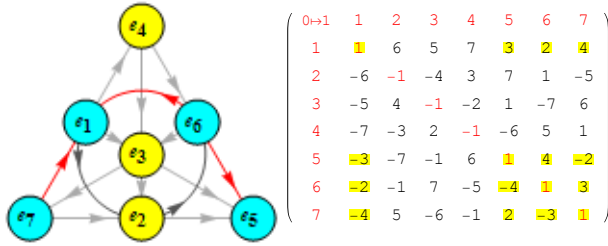
0→1	1	2	3	4	5	6	7
1	-1	6	5	7	-3	-2	-4
2	-6	1	7	5	4	-1	3
3	-5	-7	1	-6	-1	-4	-2
4	-7	-5	6	-1	2	-3	1
5	3	-4	-1	2	-1	7	-6
6	2	-1	-4	-3	7	-1	5
7	4	3	2	1	-6	-5	1



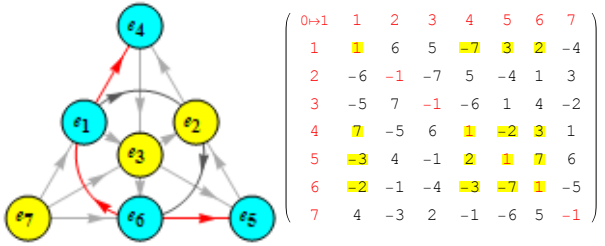
Split=4(1, 5, 6, 7) Flipped



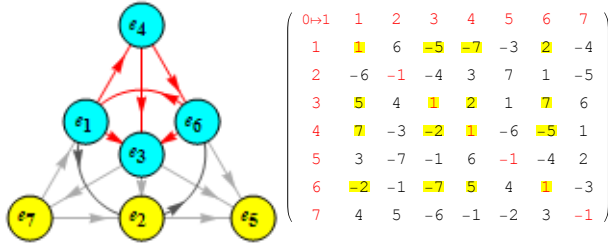
Split=4(1, 4, 5, 6) Not Flipped



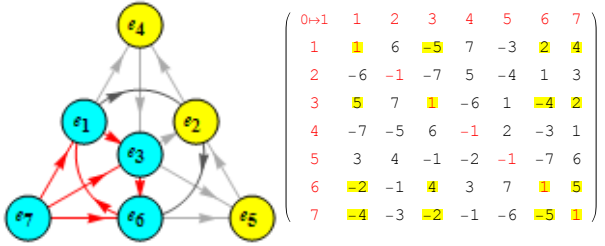
Split=5(1, 3, 4, 6) Flipped



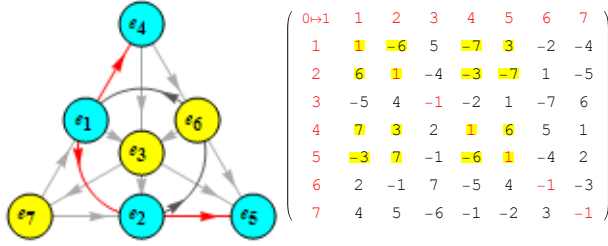
Split=5(1, 3, 6, 7) Not Flipped



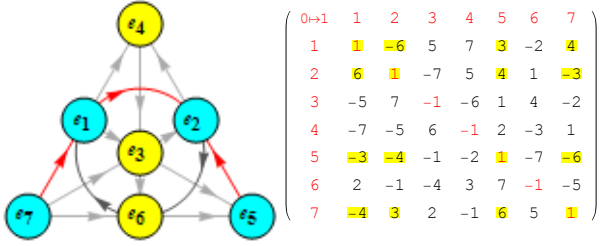
Split=6(1, 2, 4, 5) Flipped



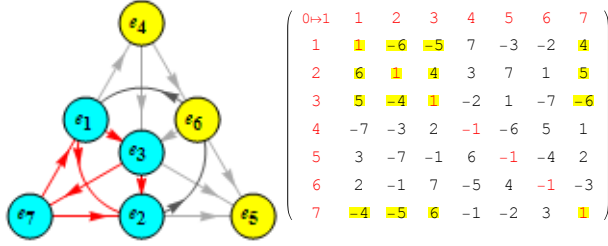
Split=6(1, 2, 5, 7) Not Flipped



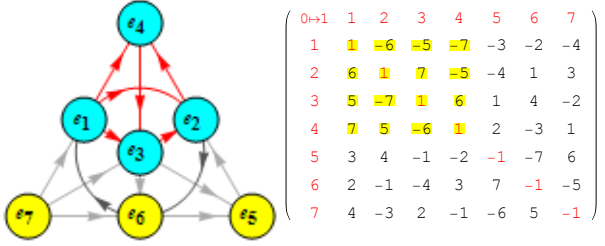
Split=7(1, 2, 3, 7) Flipped



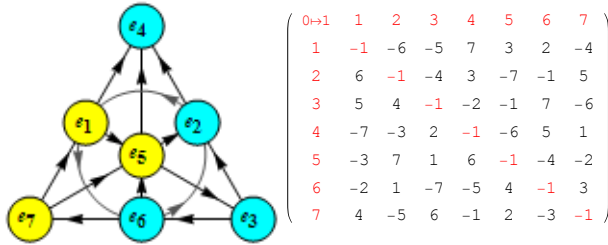
Split=7(1, 2, 3, 4) Not Flipped



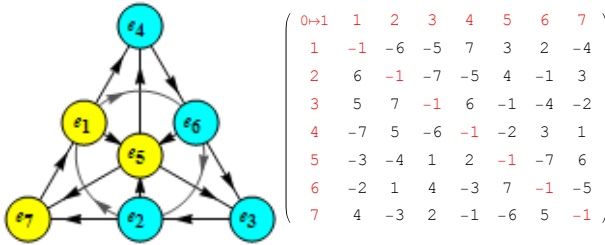
E8m14 Flip ((1, 6, 2), (1, 5, 3), (1, 4, 7), (2, 4, 3), (2, 7, 5), (3, 6, 7), (4, 6, 5))



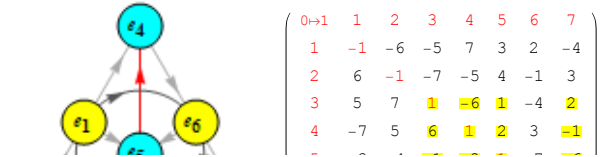
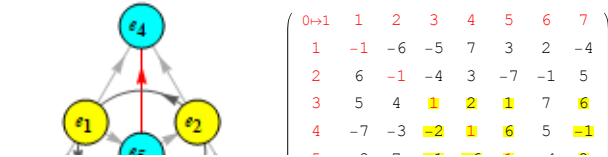
No Flip ((1, 6, 2), (1, 5, 3), (1, 4, 7), (2, 7, 3), (2, 5, 4), (3, 4, 6), (5, 7, 6))

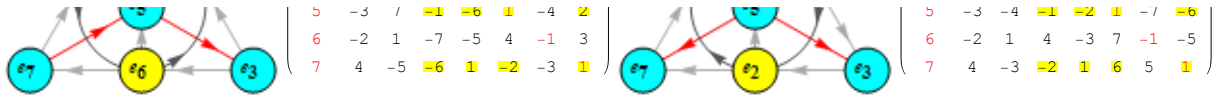


Split=1(3, 4, 5, 7) Flipped

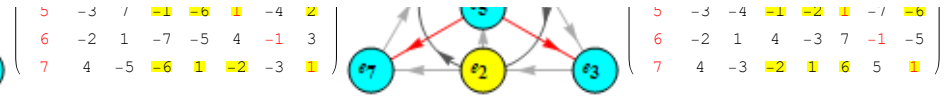


Split=1(3, 4, 5, 7) Not Flipped

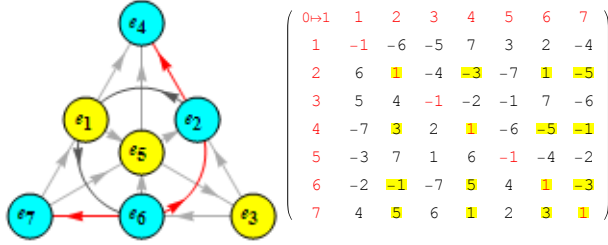




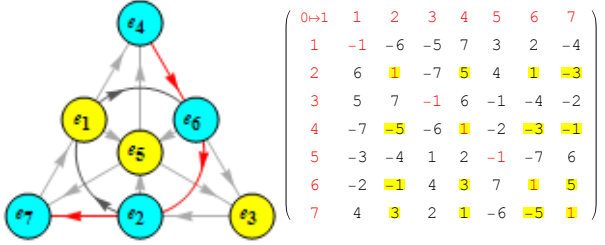
Split=2(2, 4, 6, 7) Flipped



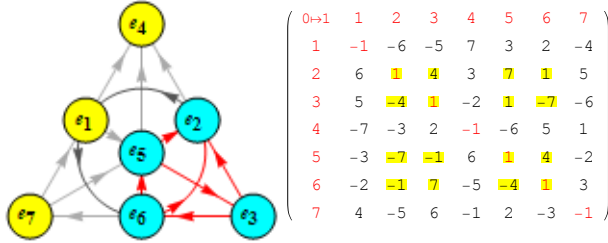
Split=2(2, 4, 6, 7) Not Flipped



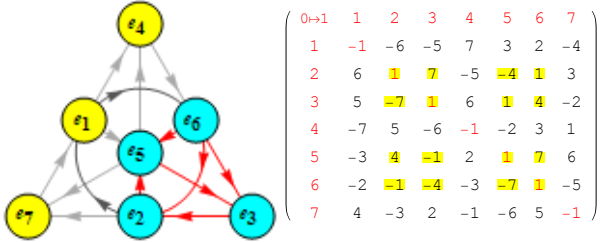
Split=3(2, 3, 5, 6) Flipped



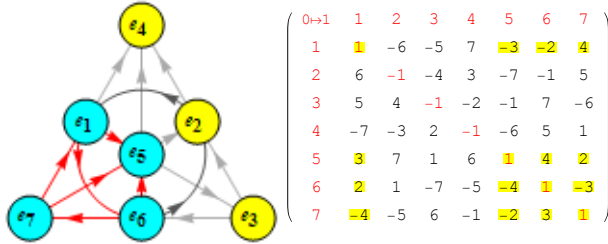
Split=3(2, 3, 5, 6) Not Flipped



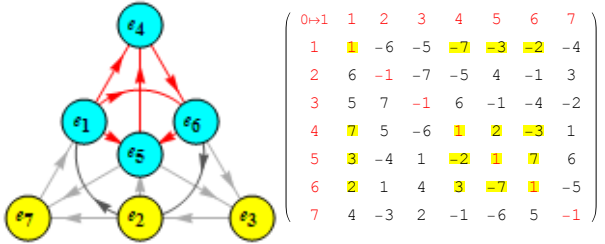
Split=4(1, 5, 6, 7) Flipped



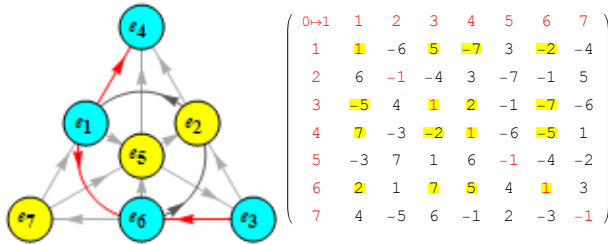
Split=4(1, 4, 5, 6) Not Flipped



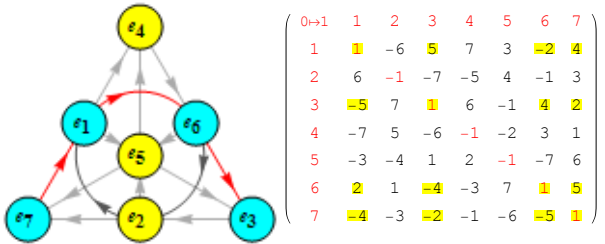
Split=5(1, 3, 4, 6) Flipped



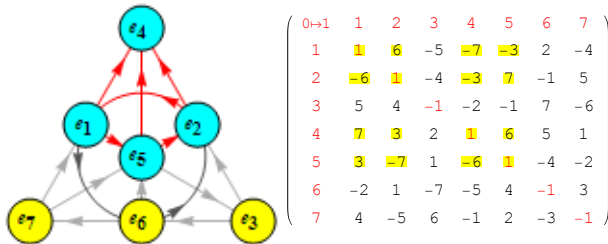
Split=5(1, 3, 6, 7) Not Flipped



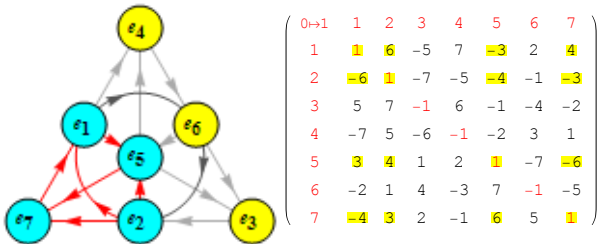
Split=6(1, 2, 4, 5) Flipped



Split=6(1, 2, 5, 7) Not Flipped

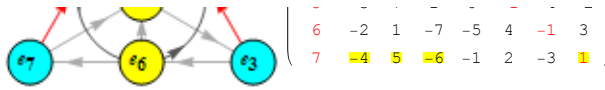


Split=7(1, 2, 3, 7) Flipped



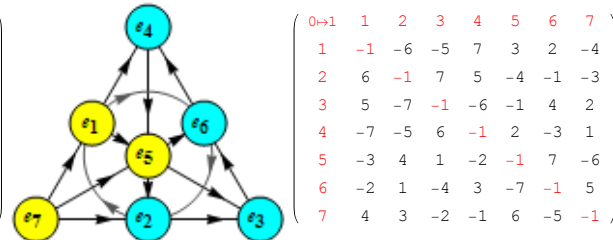
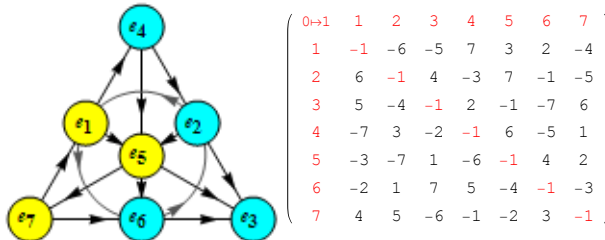
Split=7(1, 2, 3, 4) Not Flipped





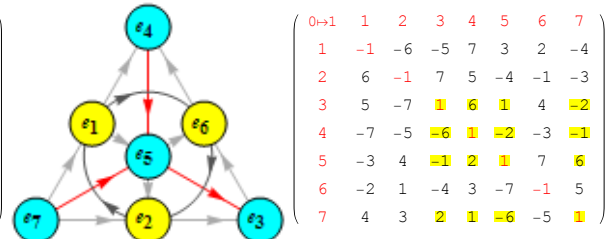
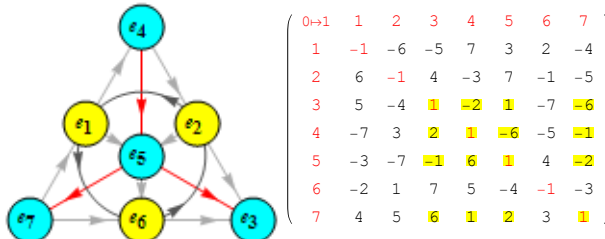
E8m137 Flip ((1, 6, 2), (1, 5, 3), (1, 4, 7), (2, 3, 4), (2, 5, 7), (3, 7, 6), (4, 5, 6))

No Flip ((1, 6, 2), (1, 5, 3), (1, 4, 7), (2, 3, 7), (2, 4, 5), (3, 6, 4), (5, 6, 7))



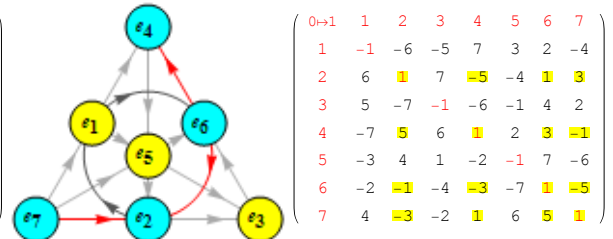
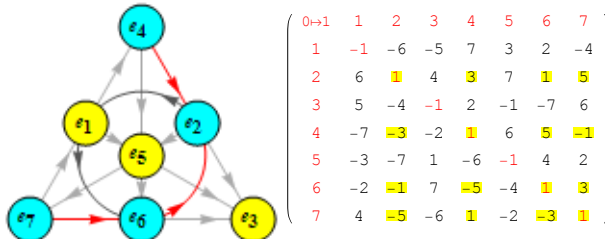
Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



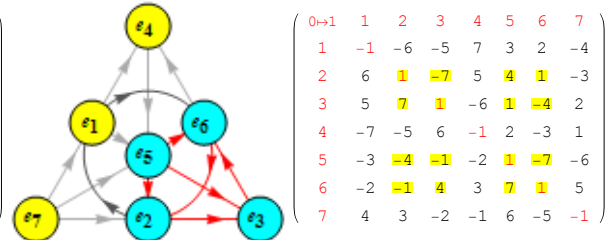
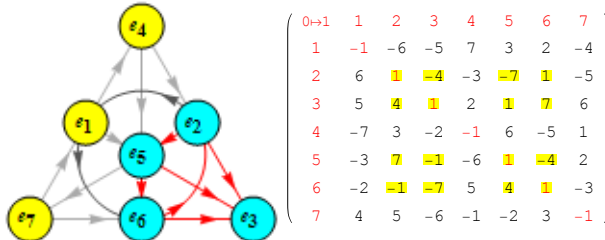
Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



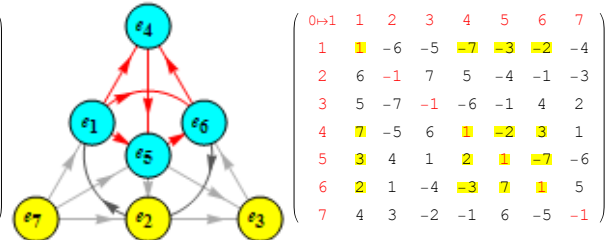
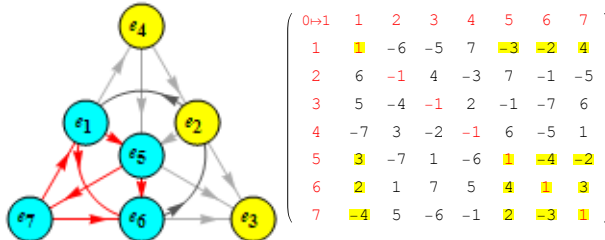
Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



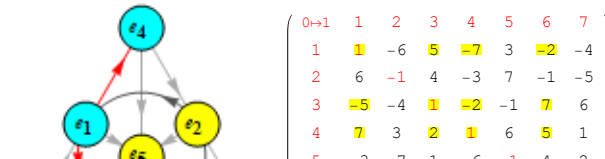
Split=4(1, 5, 6, 7) Flipped

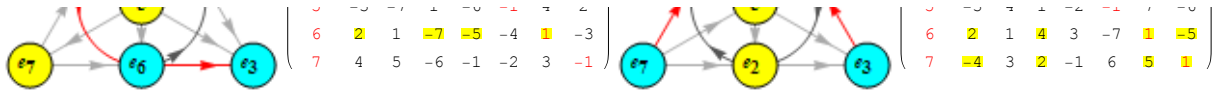
Split=4(1, 5, 6, 7) Not Flipped



Split=5(1, 3, 4, 6) Flipped

Split=5(1, 3, 4, 6) Not Flipped

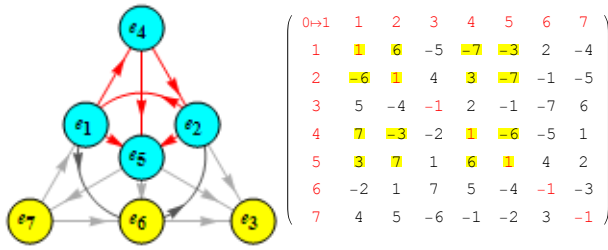




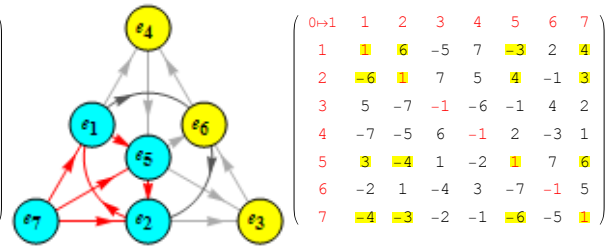
Split=6(1, 2, 4, 5) Flipped



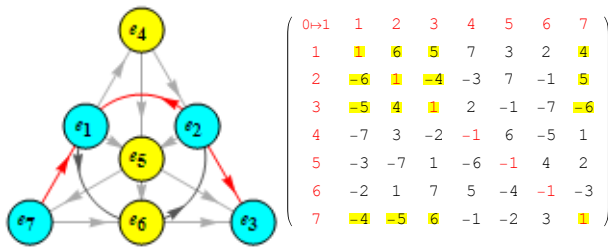
Split=6(1, 2, 5, 7) Not Flipped



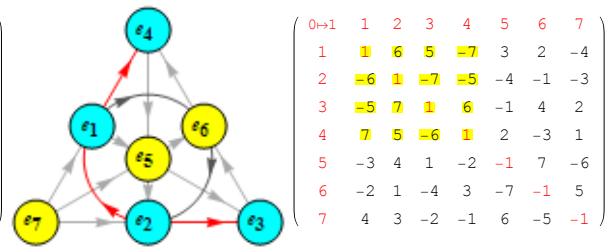
Split=7(1, 2, 3, 7) Flipped



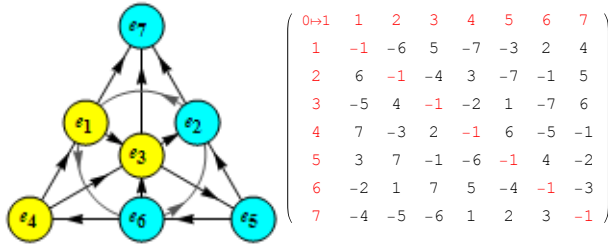
Split=7(1, 2, 3, 4) Not Flipped



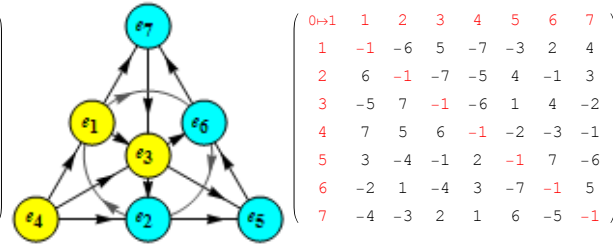
ESB117 Flip ((1, 6, 2), (1, 3, 5), (1, 7, 4), (2, 4, 3), (2, 7, 5), (3, 7, 6), (4, 5, 6))



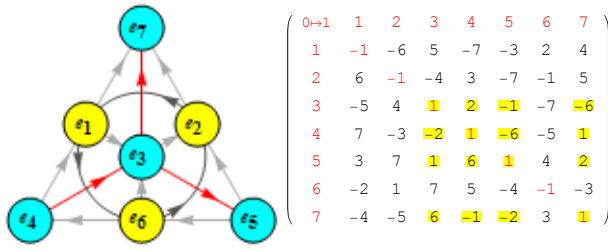
No Flip ((1, 6, 2), (1, 3, 5), (1, 7, 4), (2, 7, 3), (2, 5, 4), (3, 6, 4), (5, 6, 7))



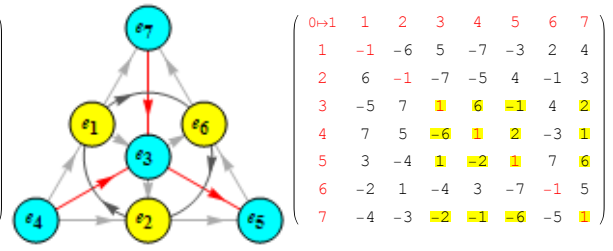
Split=1(3, 4, 5, 7) Flipped



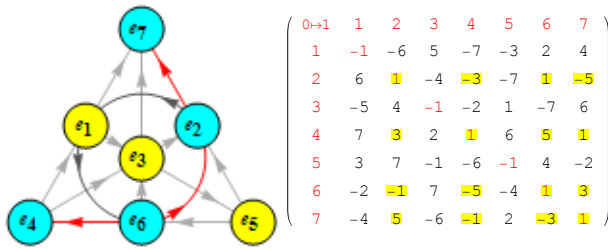
Split=1(3, 4, 5, 7) Not Flipped



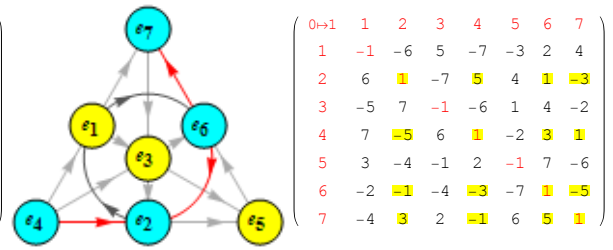
Split=2(2, 4, 6, 7) Flipped



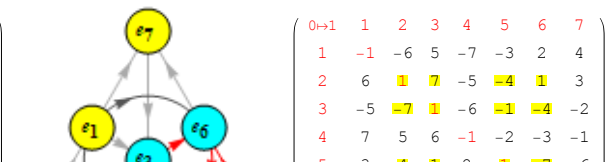
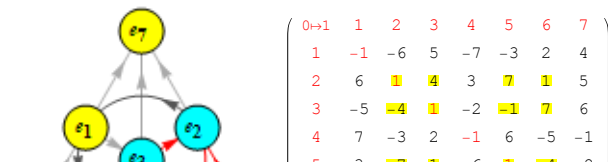
Split=2(2, 4, 6, 7) Not Flipped

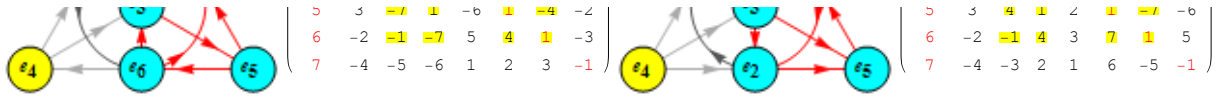


Split=3(2, 3, 5, 6) Flipped



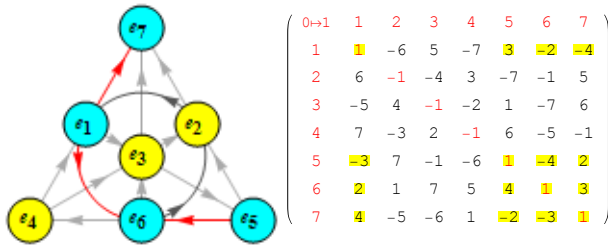
Split=3(2, 3, 5, 6) Not Flipped



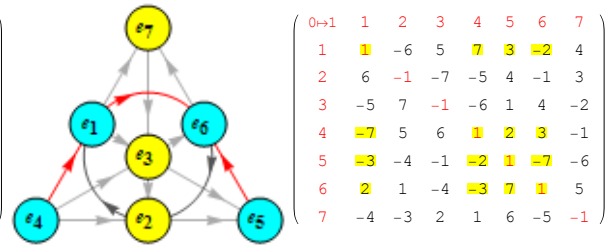


Split=4(1, 5, 6, 7) Flipped

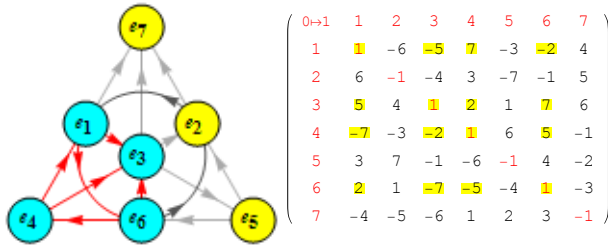
Split=4(1, 4, 5, 6) Not Flipped



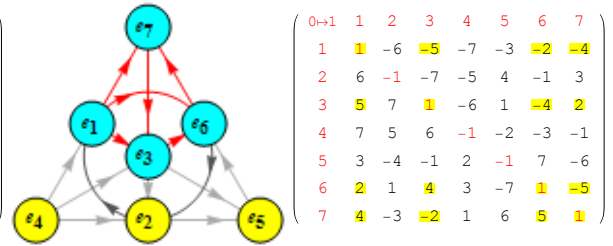
Split=5(1, 3, 4, 6) Flipped



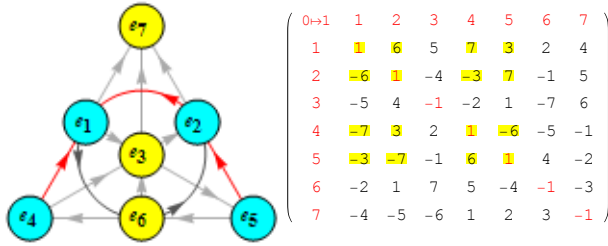
Split=5(1, 3, 6, 7) Not Flipped



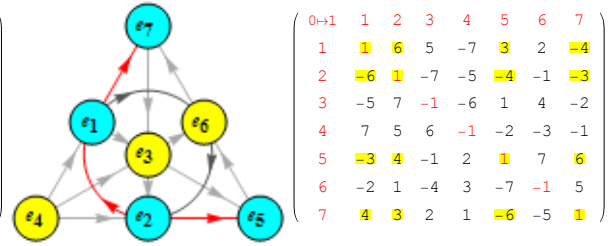
Split=6(1, 2, 4, 5) Flipped



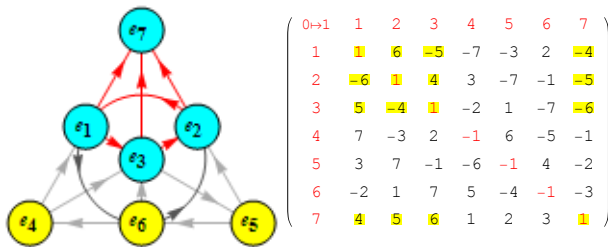
Split=6(1, 2, 5, 7) Not Flipped



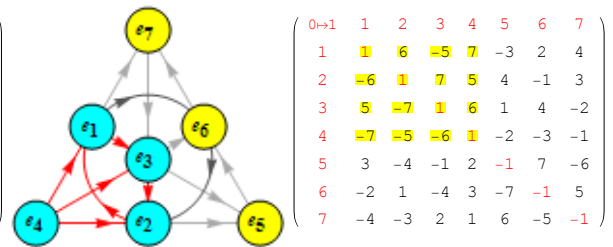
Split=7(1, 2, 3, 7) Flipped



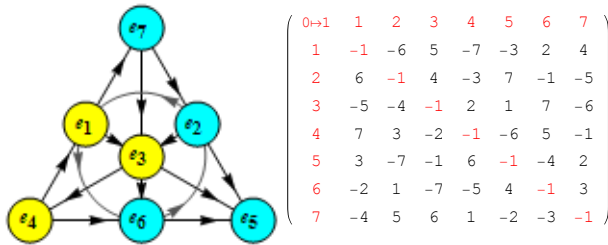
Split=7(1, 2, 3, 4) Not Flipped



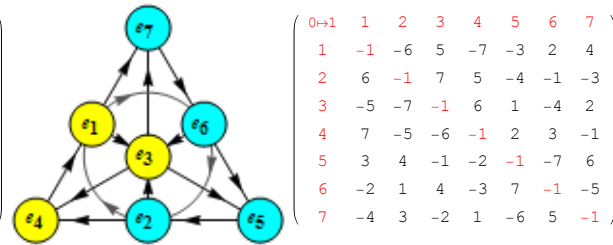
EB8134 Flip ((1, 6, 2), (1, 3, 5), (1, 7, 4), (2, 3, 4), (2, 5, 7), (3, 6, 7), (4, 6, 5))



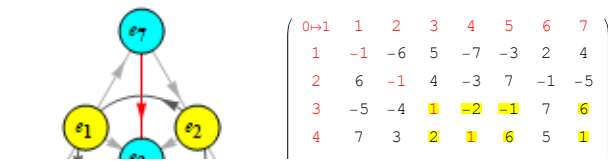
No Flip ((1, 6, 2), (1, 3, 5), (1, 7, 4), (2, 3, 7), (2, 4, 5), (3, 4, 6), (5, 7, 6))



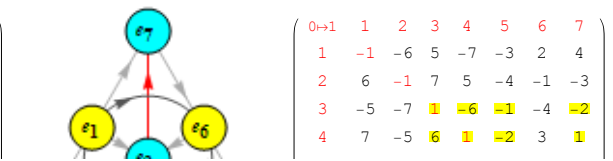
Split=1(3, 4, 5, 7) Flipped



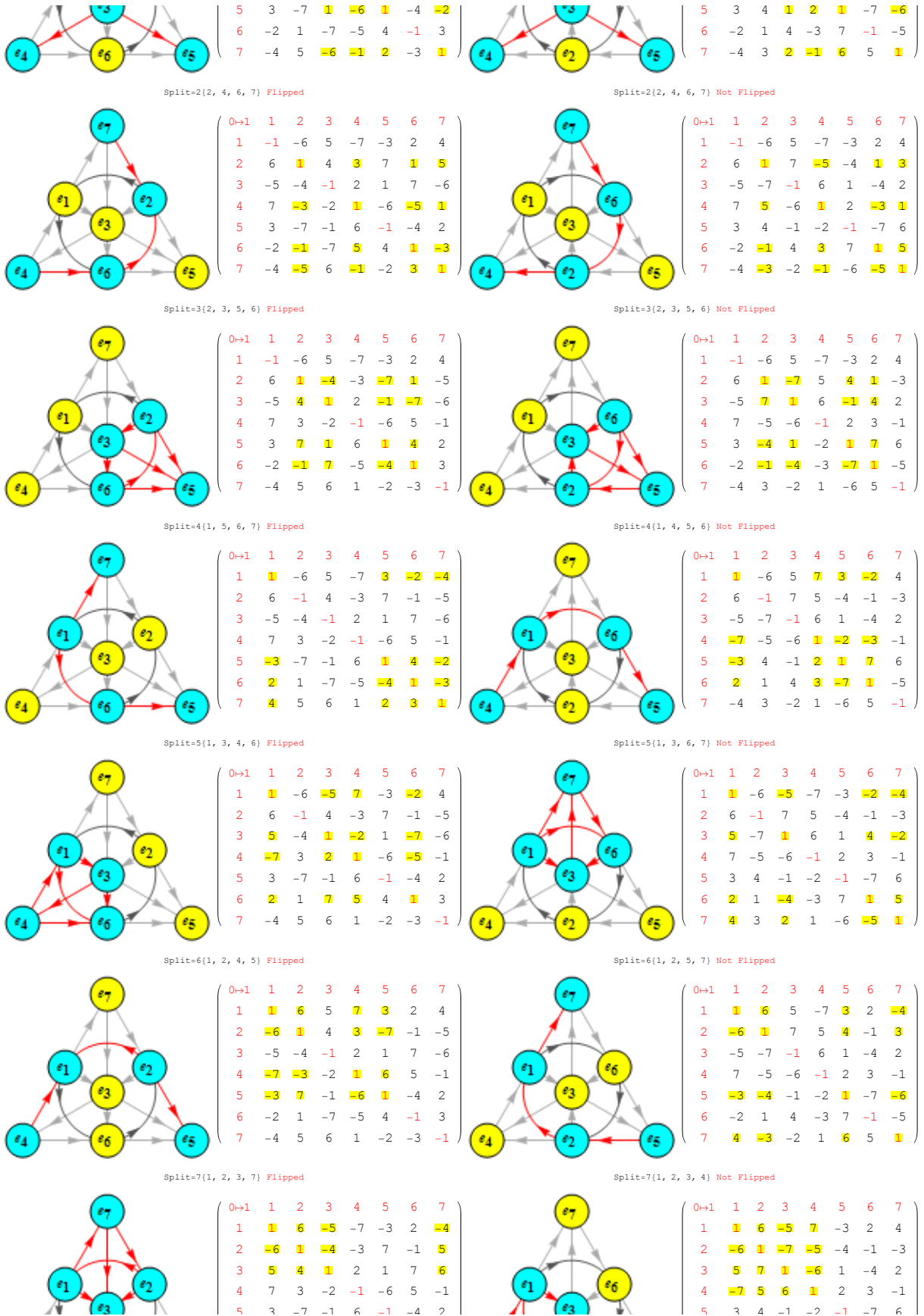
Split=1(3, 4, 5, 7) Not Flipped



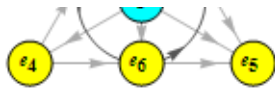
Split=1(3, 4, 5, 7) Flipped



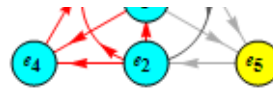
Split=1(3, 4, 5, 7) Not Flipped







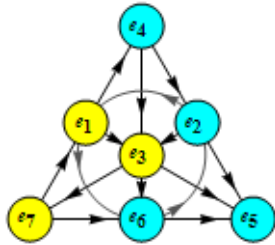
6	-2	1	-7	-5	4	-1	3
7	4	-5	-6	1	-2	-3	1



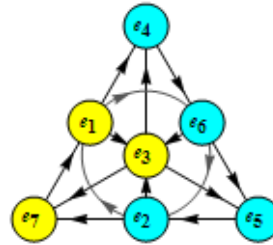
6	-2	1	4	-3	7	-1	-5
7	-4	3	-2	1	-6	5	-1

EBm150 Flip ((1, 6, 2), (1, 3, 5), (1, 4, 7), (2, 3, 7), (2, 5, 4), (3, 6, 4), (5, 7, 6))

No Flip ((1, 6, 2), (1, 3, 5), (1, 4, 7), (2, 3, 4), (2, 7, 5), (3, 7, 6), (4, 6, 5))



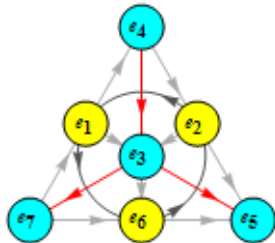
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	-1	7	-5	4	-1	-3
3	-5	-7	-1	-6	1	4	2
4	-7	5	6	-1	-2	-3	1
5	3	-4	-1	2	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	4	3	-2	-1	-6	5	-1



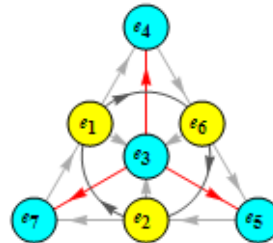
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	-1	4	-3	-7	-1	5
3	-5	-4	-1	2	1	-7	6
4	-7	3	-2	-1	-6	5	1
5	3	7	-1	6	-1	-4	-2
6	-2	1	7	-5	4	-1	-3
7	4	-5	-6	-1	2	3	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



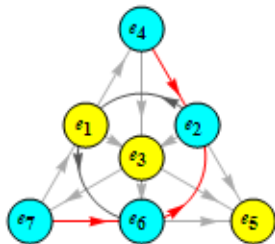
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	-1	7	-5	4	-1	-3
3	-5	-7	6	-1	4	-2	1
4	-7	5	-6	1	2	-3	-1
5	3	-4	1	-2	1	-7	-6
6	-2	1	-4	3	7	-1	-5
7	4	3	2	1	6	5	1



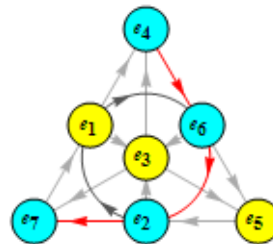
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	-1	4	-3	-7	-1	5
3	-5	-4	1	-2	1	-7	-6
4	-7	3	2	1	6	5	-1
5	3	7	1	-6	1	-4	2
6	-2	1	7	-5	4	-1	-3
7	4	-5	6	1	-2	3	1

Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



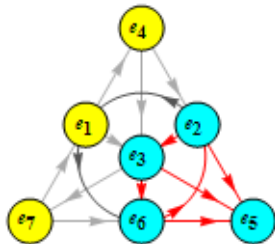
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	1	7	5	4	1	3
3	-5	-7	-1	-6	1	4	2
4	-7	5	-6	1	2	-3	-1
5	3	-4	-1	2	-1	-7	6
6	-2	-1	-4	-3	7	1	5
7	4	-3	-2	1	-6	-5	1



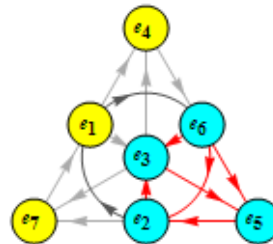
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	1	4	3	-7	1	-5
3	-5	-4	-1	2	1	-7	6
4	-7	3	2	1	-6	-5	-1
5	3	7	-1	6	-1	-4	-2
6	-2	-1	7	5	4	1	3
7	4	5	-6	1	2	-3	1

Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



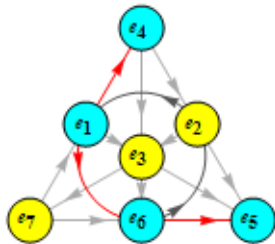
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	1	-7	-5	-4	1	-3
3	-5	7	1	-6	-1	-4	2
4	-7	5	6	-1	-2	-3	1
5	3	4	1	2	1	7	6
6	-2	-1	4	3	-7	1	-5
7	4	3	-2	-1	-6	5	-1



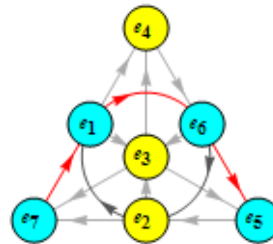
0→1	1	2	3	4	5	6	7
1	-1	-6	5	7	-3	2	-4
2	6	1	-4	-3	7	1	5
3	-5	4	1	2	-1	7	6
4	-7	3	-2	-1	-6	5	1
5	3	-7	1	6	1	4	-2
6	-2	-1	-7	-5	-4	1	-3
7	4	-5	-6	-1	2	3	-1

Split=4(1, 4, 5, 6) Flipped

Split=4(1, 5, 6, 7) Not Flipped



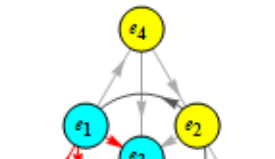
0→1	1	2	3	4	5	6	7
1	1	-6	5	-7	3	-2	-4
2	6	-1	7	-5	4	-1	-3
3	-5	-7	-1	-6	1	4	2
4	7	5	6	1	2	3	1
5	-3	-4	-1	-2	1	7	6
6	2	1	-4	-3	-7	1	-5
7	4	3	-2	-1	-6	5	-1



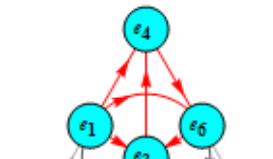
0→1	1	2	3	4	5	6	7
1	1	-6	5	7	3	-2	4
2	6	-1	4	-3	-7	-1	5
3	-5	-4	-1	2	1	-7	6
4	-7	3	-2	-1	-6	5	1
5	-3	7	-1	6	1	4	2
6	2	1	7	-5	-4	1	3
7	-4	-5	-6	-1	-2	-3	1

Split=5(1, 3, 6, 7) Flipped

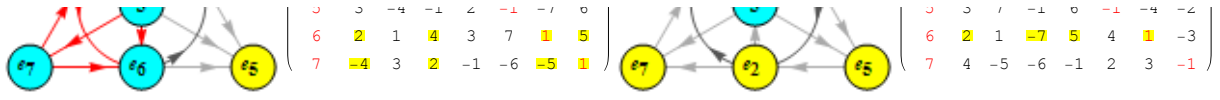
Split=5(1, 3, 4, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	-5	7	-3	-2	4
2	6	-1	7	-5	4	-1	-3
3	5	-7	1	-6	1	-4	-2
4	-7	5	6	-1	-2	-3	1
5	3	7	-1	6	-1	-4	-2
6	-2	1	7	-5	4	-1	-3
7	4	-5	-6	-1	2	3	-1

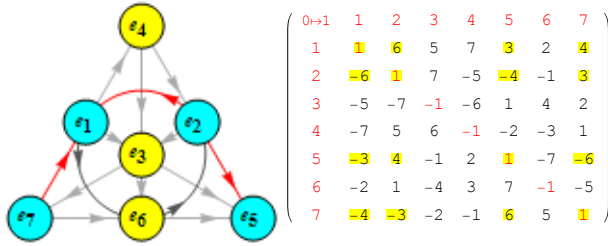


0→1	1	2	3	4	5	6	7
1	1	-6	-5	-7	-3	-2	-4
2	6	-1	4	-3	-7	-1	5
3	5	-4	1	-2	1	7	6
4	7	3	2	1	-6	-5	1
5	3	7	-1	6	-1	-4	-2
6	-2	1	7	-5	4	-1	-3
7	4	-5	-6	-1	2	3	-1



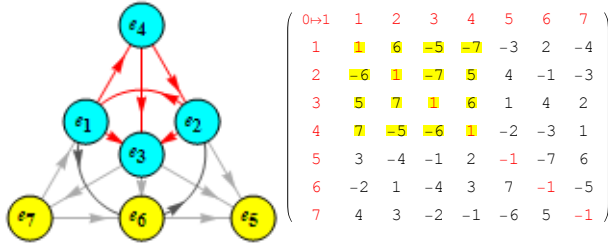
Split=6(1, 2, 5, 7) Flipped

Split=6(1, 2, 4, 5) Not Flipped



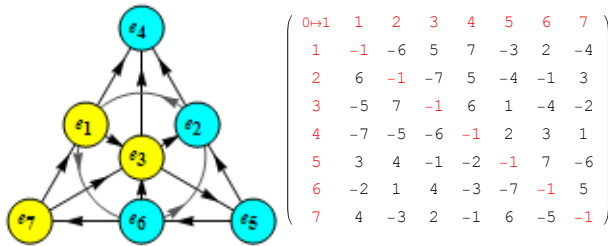
Split=7(1, 2, 3, 4) Flipped

Split=7(1, 2, 3, 7) Not Flipped



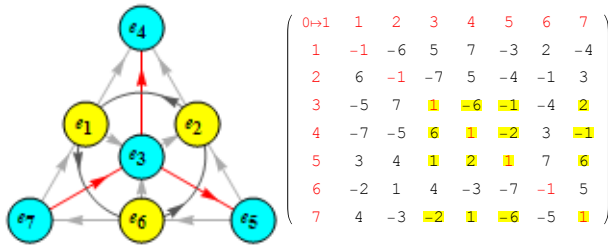
EBH224 Flip ((1, 6, 2), (1, 3, 5), (1, 4, 7), (2, 7, 3), (2, 4, 5), (3, 4, 6), (5, 6, 7))

No Flip ((1, 6, 2), (1, 3, 5), (1, 4, 7), (2, 4, 3), (2, 5, 7), (3, 6, 7), (4, 5, 6))



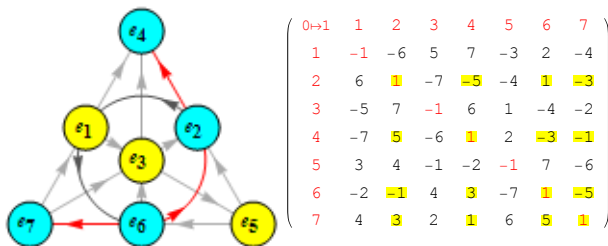
Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



Split=2(2, 4, 6, 7) Flipped

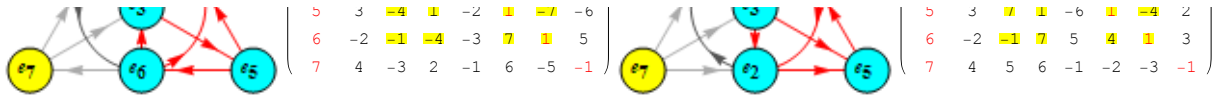
Split=2(2, 4, 6, 7) Not Flipped



Split=3(2, 3, 5, 6) Flipped

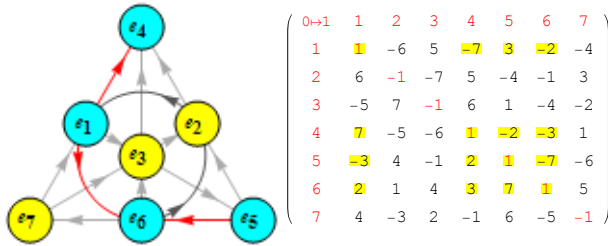
Split=3(2, 3, 5, 6) Not Flipped



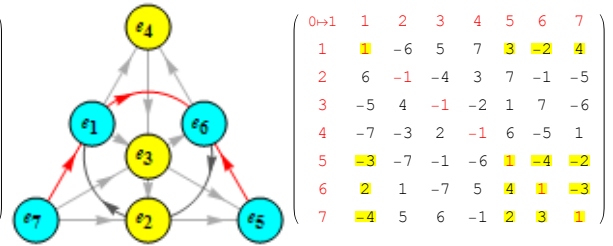


Split=4(1, 4, 5, 6) Flipped

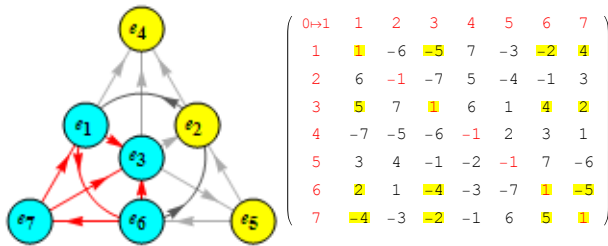
Split=4(1, 5, 6, 7) Not Flipped



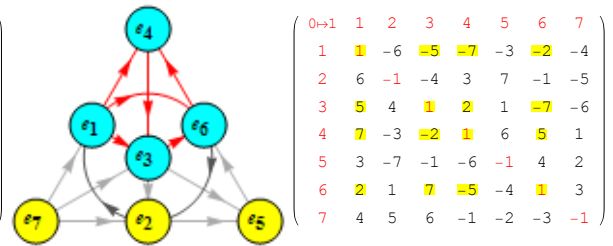
Split=5(1, 3, 6, 7) Flipped



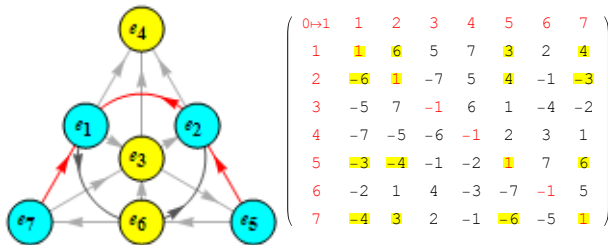
Split=5(1, 3, 4, 6) Not Flipped



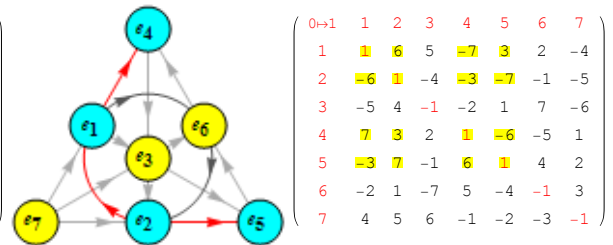
Split=6(1, 2, 5, 7) Flipped



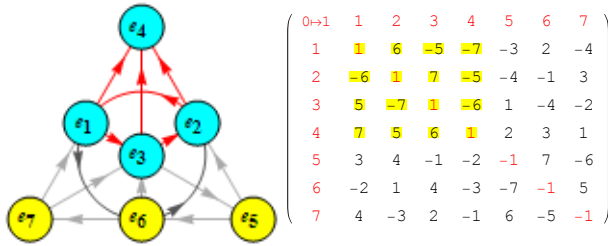
Split=6(1, 2, 4, 5) Not Flipped



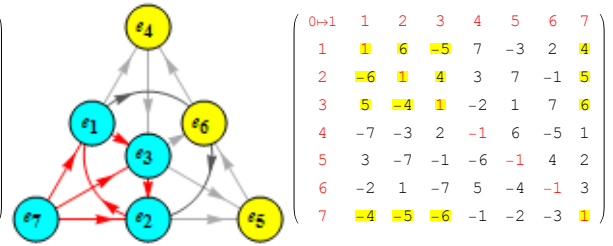
Split=7(1, 2, 3, 4) Flipped



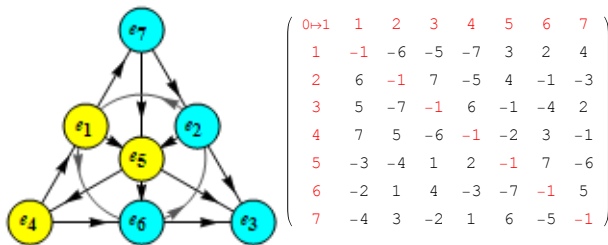
Split=7(1, 2, 3, 7) Not Flipped



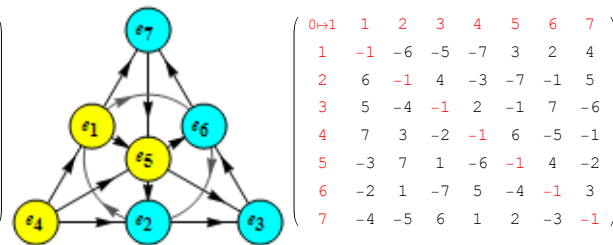
EBM153 Flip {(1, 6, 2), (1, 5, 3), (1, 7, 4), (2, 3, 7), (2, 5, 4), (3, 4, 6), (5, 6, 7)}



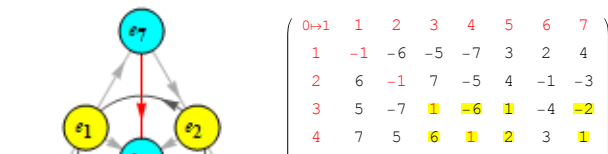
No Flip {(1, 6, 2), (1, 5, 3), (1, 7, 4), (2, 3, 4), (2, 7, 5), (3, 6, 7), (4, 5, 6)}



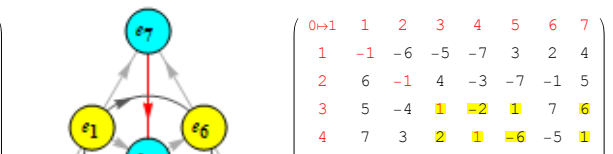
Split=1(3, 4, 5, 7) Flipped



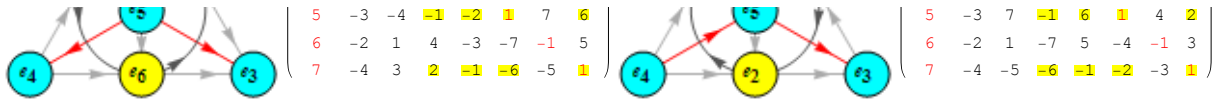
Split=1(3, 4, 5, 7) Not Flipped



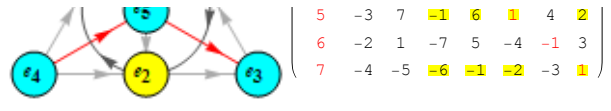
Split=1(3, 4, 5, 7) Flipped



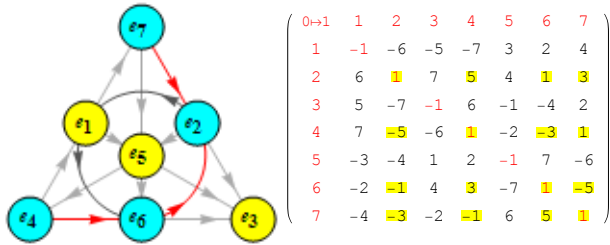
Split=1(3, 4, 5, 7) Not Flipped



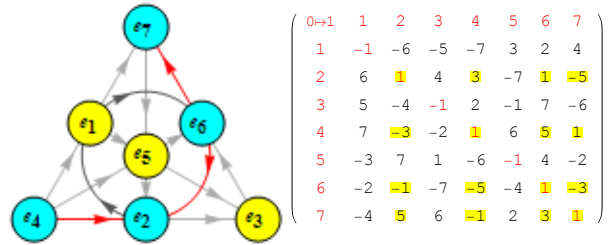
Split=2(2, 4, 6, 7) Flipped



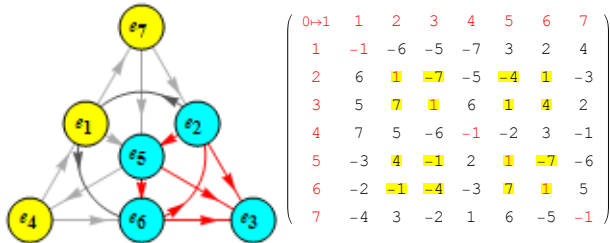
Split=2(2, 4, 6, 7) Not Flipped



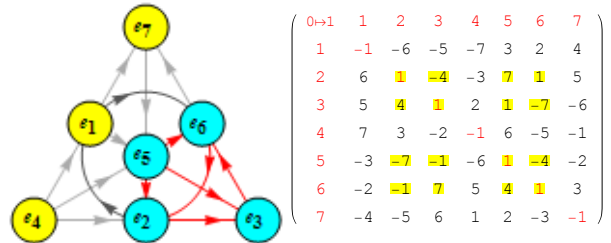
Split=3(2, 3, 5, 6) Flipped



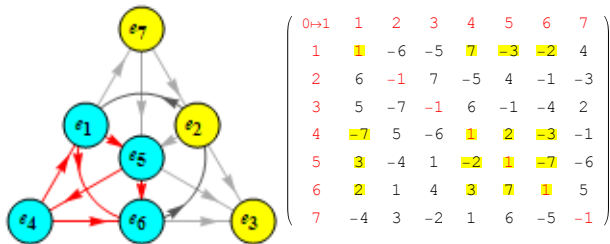
Split=3(2, 3, 5, 6) Not Flipped



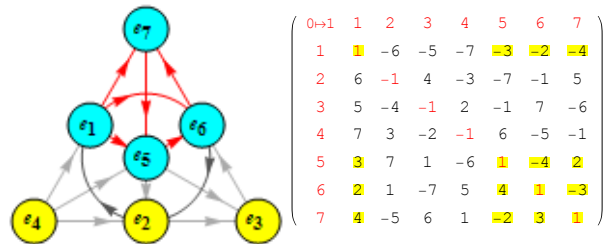
Split=4(1, 4, 5, 6) Flipped



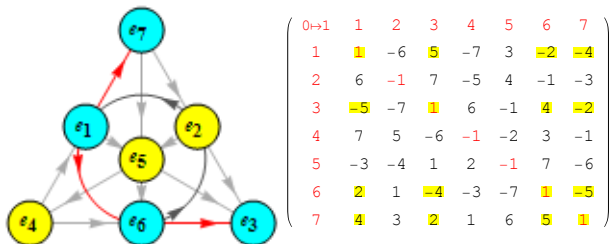
Split=4(1, 5, 6, 7) Not Flipped



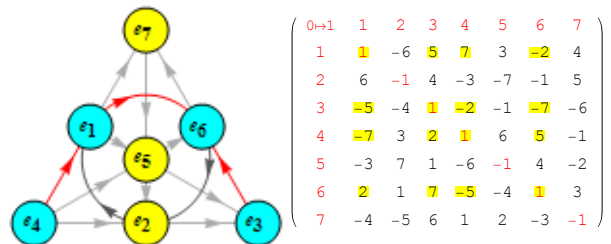
Split=5(1, 3, 6, 7) Flipped



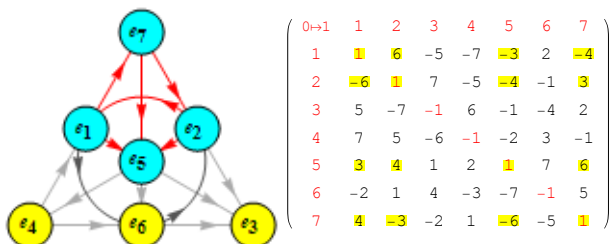
Split=5(1, 3, 4, 6) Not Flipped



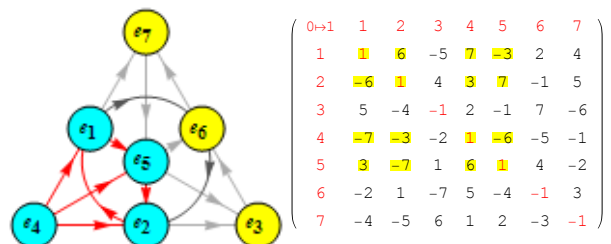
Split=6(1, 2, 5, 7) Flipped



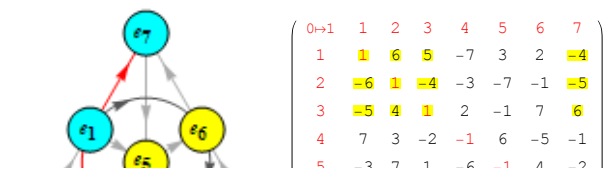
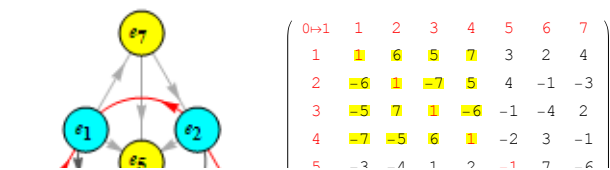
Split=6(1, 2, 4, 5) Not Flipped

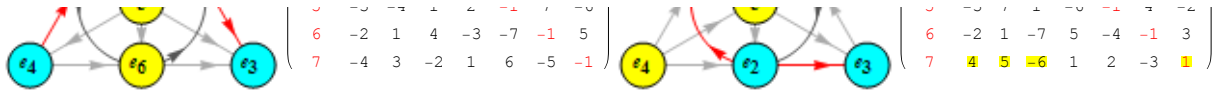


Split=7(1, 2, 3, 4) Flipped



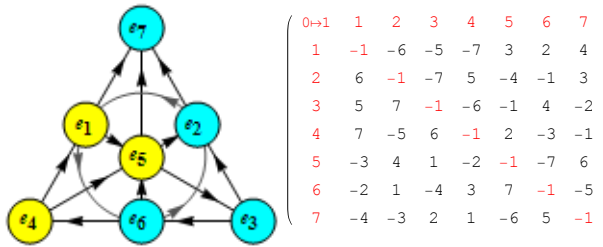
Split=7(1, 2, 3, 7) Not Flipped





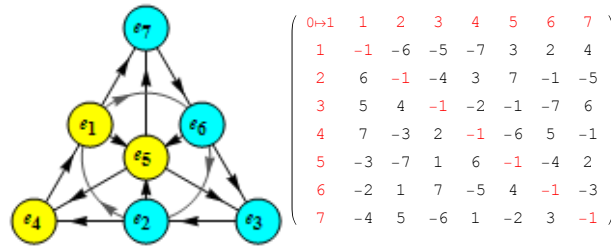
EBH221 Flip  $\{(1, 6, 2), (1, 5, 3), (1, 7, 4), (2, 7, 3), (2, 4, 5), (3, 6, 4), (5, 7, 6)\}$

No Flip  $\{(1, 6, 2), (1, 5, 3), (1, 7, 4), (2, 4, 3), (2, 5, 7), (3, 7, 6), (4, 6, 5)\}$



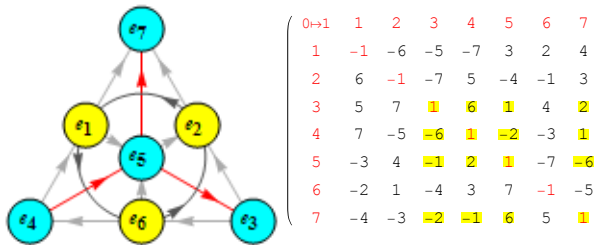
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	-1	-7	5	-4	-1	3
3	5	7	-1	-6	-1	4	-2
4	7	-5	6	-1	2	-3	-1
5	-3	4	1	-2	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	-4	-3	2	1	-6	5	-1



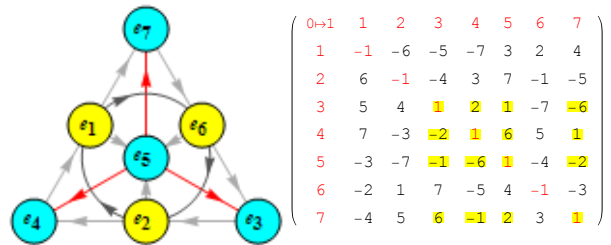
Split=1(3, 4, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	-1	-4	3	7	-1	-5
3	5	4	-1	-2	-1	-7	6
4	7	-3	2	-1	-6	5	-1
5	-3	-7	1	6	-1	-4	2
6	-2	1	7	-5	4	-1	-3
7	-4	5	-6	1	-2	3	-1



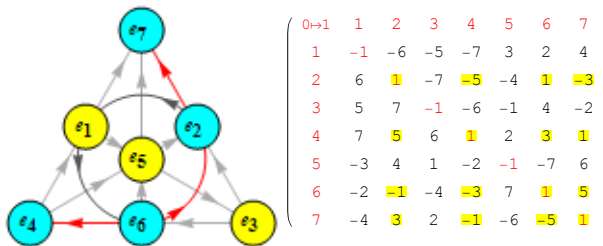
Split=2(2, 4, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	-1	-7	5	-4	-1	3
3	5	7	6	4	2	4	2
4	7	-5	6	1	-2	-3	1
5	-3	4	1	2	1	-7	-6
6	-2	1	-4	3	7	-1	-5
7	-4	-3	2	1	-6	5	1



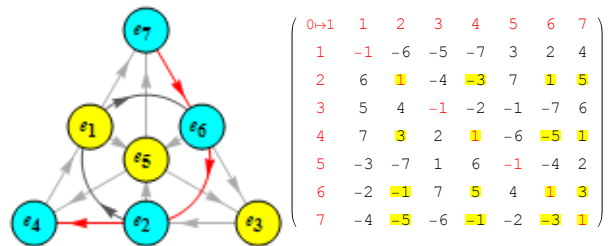
Split=2(2, 4, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	-1	-4	3	7	-1	-5
3	5	4	2	1	-7	-6	1
4	7	-3	2	1	6	5	1
5	-3	-7	1	6	-1	-4	2
6	-2	1	7	-5	4	-1	-3
7	-4	5	6	-1	2	3	1



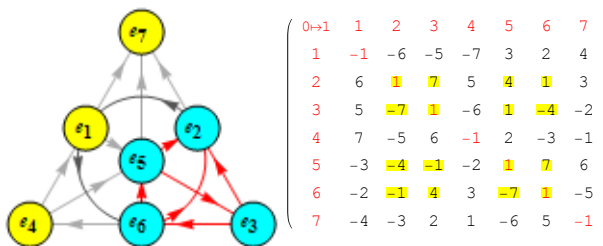
Split=3(2, 3, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	1	-7	5	-4	1	-3
3	5	7	-1	-6	-1	4	-2
4	7	5	6	1	2	3	1
5	-3	4	1	-2	-1	-7	6
6	-2	-1	-4	-3	7	1	5
7	-4	3	2	1	-6	-5	1



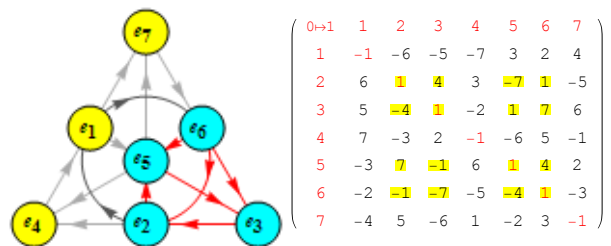
Split=3(2, 3, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	1	-4	-3	7	1	5
3	5	4	-1	-2	-1	-7	6
4	7	3	2	1	-6	-5	1
5	-3	-7	1	6	-1	-4	2
6	-2	-1	7	5	4	1	3
7	-4	-5	-6	-1	-2	-3	1



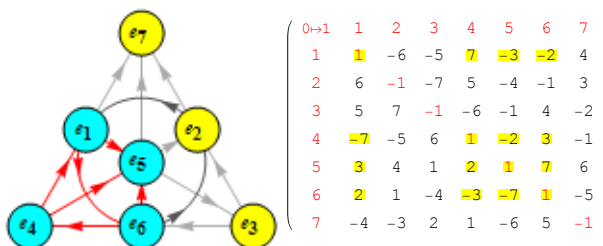
Split=4(1, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	1	7	5	4	1	3
3	5	-7	1	-6	1	-4	-2
4	7	-5	6	-1	2	-3	-1
5	-3	-4	-1	-2	1	7	6
6	-2	-1	4	3	-7	1	-5
7	-4	-3	2	1	-6	5	-1



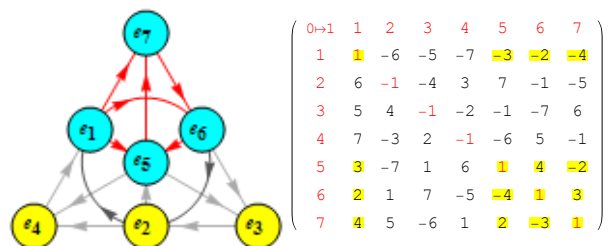
Split=4(1, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-5	-7	3	2	4
2	6	1	4	3	-7	1	-5
3	5	-4	1	-2	1	7	6
4	7	-3	2	-1	-6	5	-1
5	-3	7	-1	6	1	4	2
6	-2	-1	-7	-5	-4	1	-3
7	-4	5	-6	1	-2	3	-1



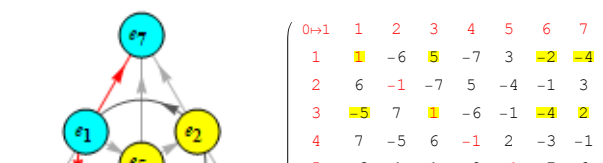
Split=5(1, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	-5	7	-3	-2	4
2	6	-1	-7	5	-4	-1	3
3	5	7	-1	-6	-1	4	-2
4	-7	-5	6	1	-2	3	-1
5	3	4	1	2	1	7	6
6	2	1	-4	-3	-7	1	-5
7	-4	-3	2	1	-6	5	-1



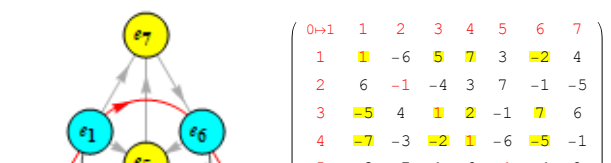
Split=5(1, 3, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	-5	-7	-3	-2	-4
2	6	-1	-4	3	7	-1	-5
3	5	4	-1	-2	-1	-7	6
4	7	-3	2	-1	-6	5	-1
5	3	-7	1	6	1	4	-2
6	2	1	7	-5	-4	1	3
7	4	5	-6	1	2	-3	1



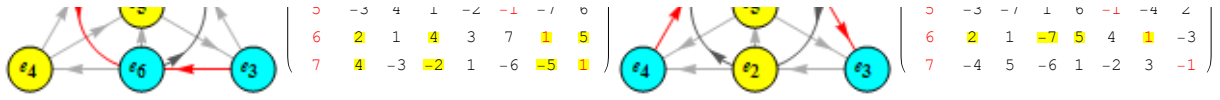
Split=5(1, 3, 4, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	5	-7	3	-2	-4
2	6	-1	-7	5	-4	-1	3
3	-5	7	1	-6	-1	-4	2
4	7	-5	6	-1	2	-3	-1
5	-3	4	1	-2	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	-4	-3	2	1	-6	5	-1



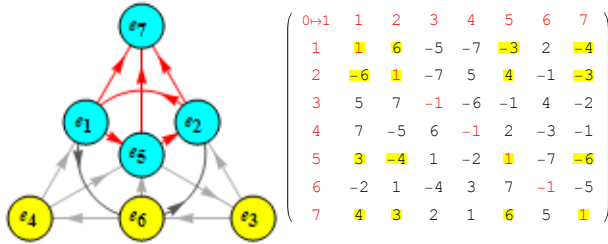
Split=5(1, 3, 4, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	5	7	3	-2	4
2	6	-1	-4	3	7	-1	-5
3	-5	4	1	2	-1	7	6
4	-7	-3	2	1	-6	-5	-1
5	-3	4	1	6	-1	-4	2
6	-2	1	7	-5	-4	1	3
7	-4	-3	2	1	-6	5	-1



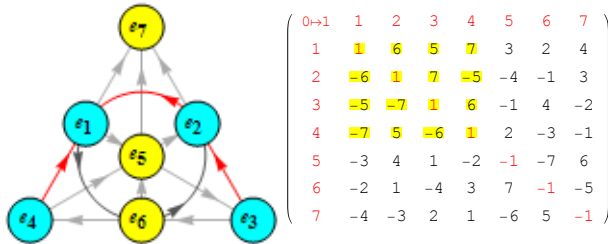
Split=6(1, 2, 5, 7) Flipped

Split=6(1, 2, 4, 5) Not Flipped

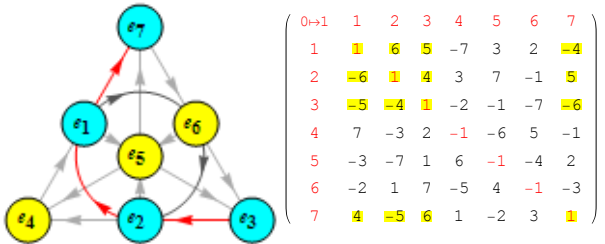


Split=7(1, 2, 3, 4) Flipped

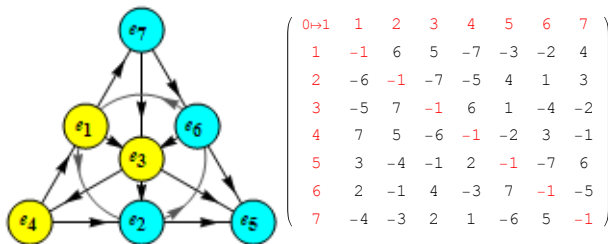
Split=7(1, 2, 3, 7) Not Flipped



EBH120 Flip ((1, 2, 6), (1, 3, 5), (1, 7, 4), (2, 7, 3), (2, 5, 4), (3, 4, 6), (5, 7, 6))

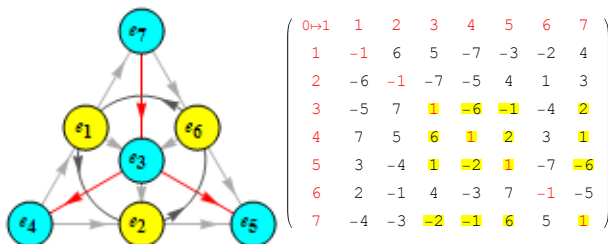


No Flip ((1, 2, 6), (1, 3, 5), (1, 7, 4), (2, 4, 3), (2, 7, 5), (3, 6, 7), (4, 6, 5))



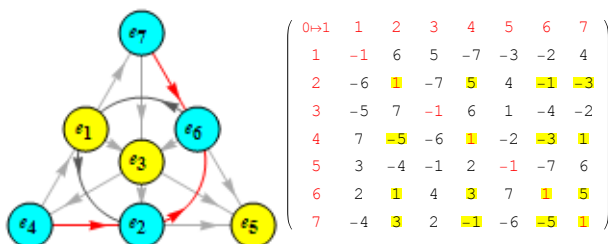
Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



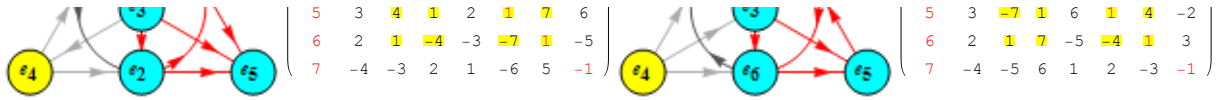
Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



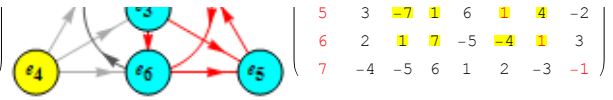
Split=3(2, 3, 5, 6) Flipped

Split=3(2, 3, 5, 6) Not Flipped



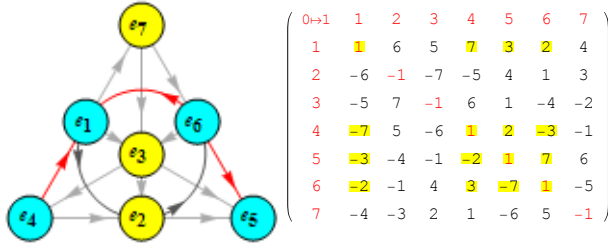
Split=4(1, 4, 5, 6) Flipped

5	3	4	1	2	1	7	6
6	2	1	-4	-3	-7	1	-5
7	-4	-3	2	1	-6	5	-1



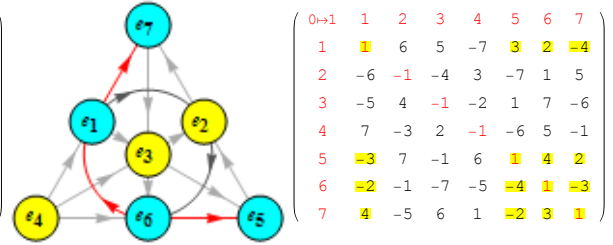
Split=4(1, 5, 6, 7) Not Flipped

5	3	-7	1	6	1	4	-2
6	2	1	7	-5	-4	1	3
7	-4	-5	6	1	2	-3	-1



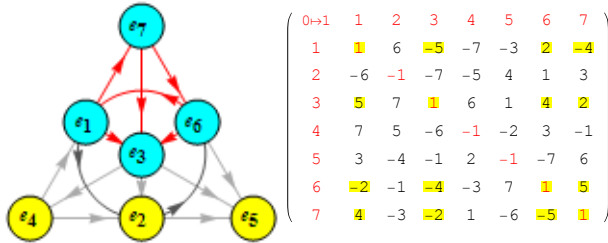
Split=5(1, 3, 6, 7) Flipped

0	→	1	2	3	4	5	6	7
1	1	6	5	7	3	2	4	
2	-6	-1	-7	-5	4	1	3	
3	-5	7	-1	6	1	-4	-2	
4	-7	5	-6	1	2	-3	-1	
5	-3	-4	-1	-2	1	7	6	
6	-2	-1	4	3	-7	1	-5	
7	-4	-3	2	1	-6	5	-1	



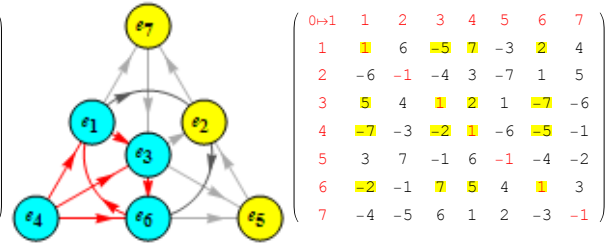
Split=5(1, 3, 4, 6) Not Flipped

0	→	1	2	3	4	5	6	7
1	1	6	5	-7	3	2	-4	
2	-6	-1	-4	3	-7	1	5	
3	-5	4	-1	-2	1	7	-6	
4	7	-3	2	-1	-6	5	-1	
5	-3	7	-1	6	1	4	2	
6	-2	-1	-7	-5	-4	1	-3	
7	4	-5	6	1	-2	3	1	



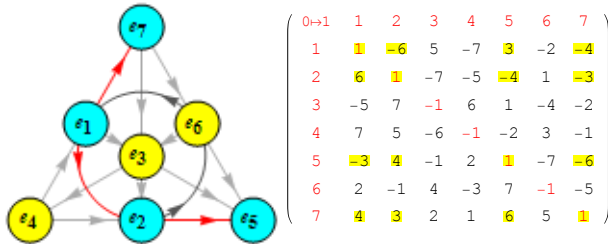
Split=6(1, 2, 5, 7) Flipped

0	→	1	2	3	4	5	6	7
1	1	6	-5	-7	-3	2	-4	
2	-6	-1	-7	-5	4	1	3	
3	5	7	1	6	1	4	2	
4	7	5	-6	-1	-2	3	-1	
5	3	-4	-1	2	-1	-7	6	
6	-2	-1	-4	-3	7	1	5	
7	4	-3	-2	1	-6	-5	1	



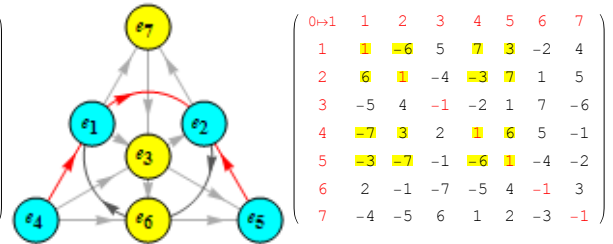
Split=6(1, 2, 4, 5) Not Flipped

0	→	1	2	3	4	5	6	7
1	1	6	-5	7	-3	2	4	
2	-6	-1	-4	3	-7	1	5	
3	5	4	1	2	1	-7	-6	
4	-7	-3	-2	1	-6	-5	-1	
5	3	7	-1	6	-1	-4	-2	
6	-2	-1	7	5	4	1	3	
7	-4	-5	6	1	2	-3	-1	



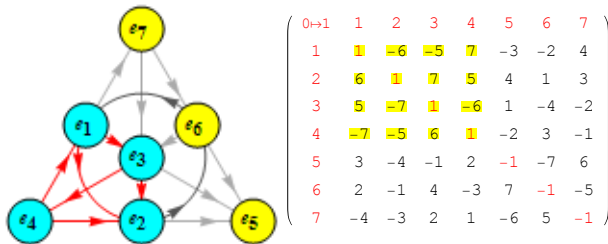
Split=7(1, 2, 3, 4) Flipped

0	→	1	2	3	4	5	6	7
1	1	-6	5	-7	3	-2	-4	
2	6	1	-7	-5	-4	1	-3	
3	-5	7	-1	6	1	-4	-2	
4	7	5	-6	-1	-2	3	-1	
5	-3	4	-1	2	1	-7	-6	
6	2	-1	4	-3	7	-1	-5	
7	4	3	2	1	6	5	1	



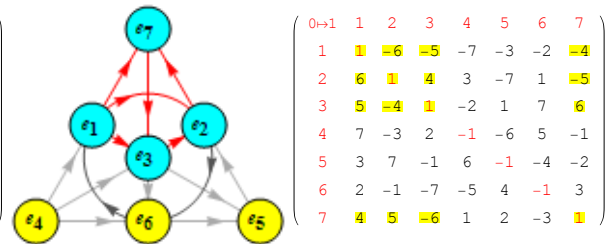
Split=7(1, 2, 3, 7) Not Flipped

0	→	1	2	3	4	5	6	7
1	1	-6	5	7	3	-2	4	
2	6	1	-4	-3	7	1	5	
3	-5	4	-1	-2	1	7	-6	
4	-7	3	2	1	6	5	-1	
5	-3	-7	-1	-6	1	-4	-2	
6	2	-1	-7	-5	4	-1	3	
7	-4	-5	6	1	2	-3	-1	



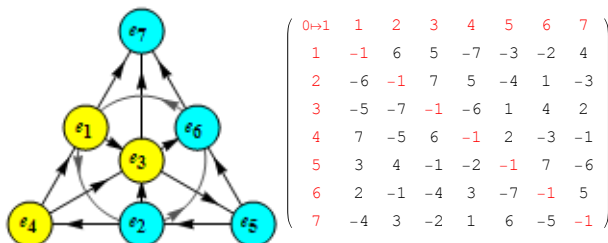
EBB143 Flip ((1, 2, 6), (1, 3, 5), (1, 7, 4), (2, 3, 7), (2, 4, 5), (3, 6, 4), (5, 6, 7))

0	→	1	2	3	4	5	6	7
1	1	-6	-5	7	-3	-2	4	
2	6	1	7	5	4	1	3	
3	5	-7	1	-6	1	-4	-2	
4	-7	-5	6	1	-2	3	-1	
5	3	-4	-1	2	-1	-7	6	
6	2	-1	4	-3	7	-1	-5	
7	-4	-3	2	1	-6	5	-1	



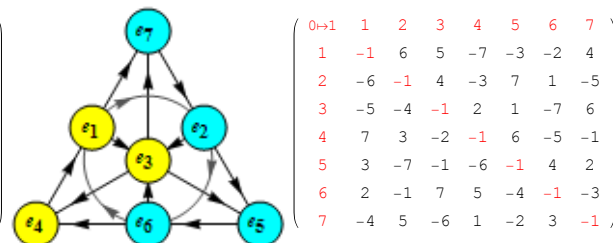
No Flip ((1, 2, 6), (1, 3, 5), (1, 7, 4), (2, 3, 4), (2, 5, 7), (3, 7, 6), (4, 5, 6))

0	→	1	2	3	4	5	6	7
1	1	-6	-5	-7	-3	-2	-4	
2	6	1	4	3	-7	1	-5	
3	5	-4	1	-2	1	7	6	
4	7	-3	2	-1	-6	5	-1	
5	3	7	-1	6	-1	-4	-2	
6	2	-1	-7	-5	4	-1	3	
7	4	5	-6	1	2	-3	1	



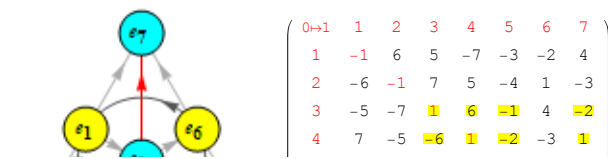
Split=1(3, 4, 5, 7) Flipped

0	→	1	2	3	4	5	6	7
1	-1	6	5	-7	-3	-2	4	
2	-6	-1	7	5	-4	1	-3	
3	-5	-7	1	6	-1	4	-2	
4	7	-5	6	-1	2	-3	-1	
5	3	4	-1	-2	-1	7	-6	
6	2	-1	-4	3	-7	-1	5	
7	-4	3	-2	1	6	-5	-1	



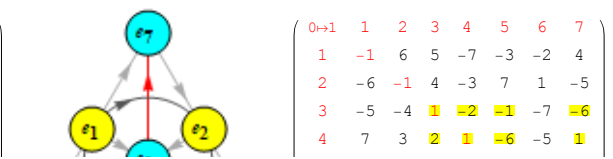
Split=1(3, 4, 5, 7) Not Flipped

0	→	1	2	3	4	5	6	7
1	-1	6	5	-7	-3	-2	4	
2	-6	-1	4	-3	7	1	-5	
3	-5	-4	-1	2	1	-7	6	
4	7	3	-2	-1	6	-5	-1	
5	3	-7	-1	-6	-1	4	2	
6	2	-1	7	5	-4	-1	-3	
7	-4	5	-6	1	-2	3	-1	



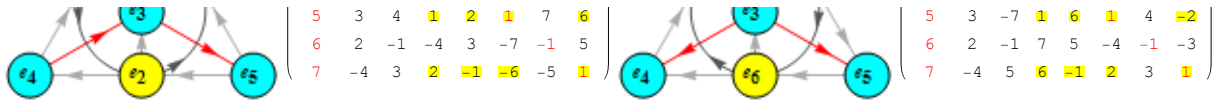
Split=1(3, 4, 5, 7) Flipped

0	→	1	2	3	4	5	6	7
1	-1	6	5	-7	-3	-2	4	
2	-6	-1	7	5	-4	1	-3	
3	-5	-7	1	6	-1	4	-2	
4	7	-5	-6	1	-2	-3	1	

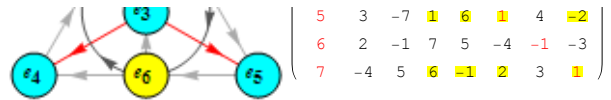


Split=1(3, 4, 5, 7) Not Flipped

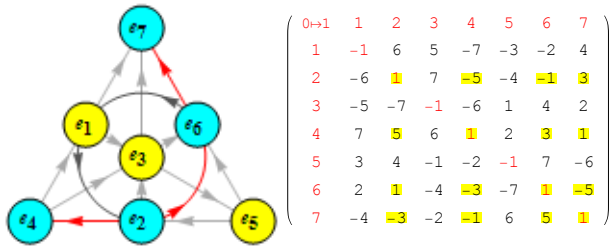
0	→	1	2	3	4	5	6	7
1	-1	6	5	-7	-3	-2	4	
2	-6	-1	4	-3	7	1	-5	
3	-5	-4	1	-2	-1	-7	-6	
4	7	3	2	1	-6	-5	1	



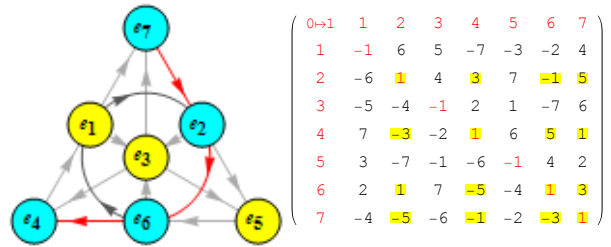
Split=2(2, 4, 6, 7) Flipped



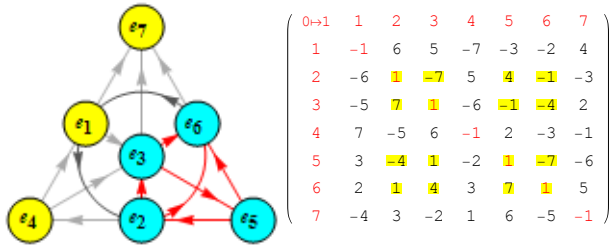
Split=2(2, 4, 6, 7) Not Flipped



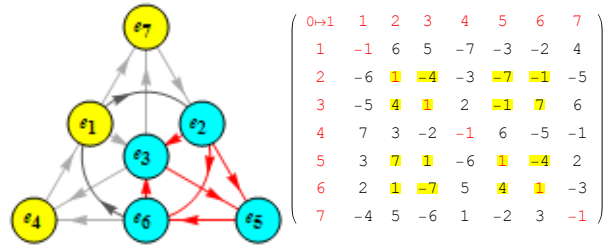
Split=3(2, 3, 5, 6) Flipped



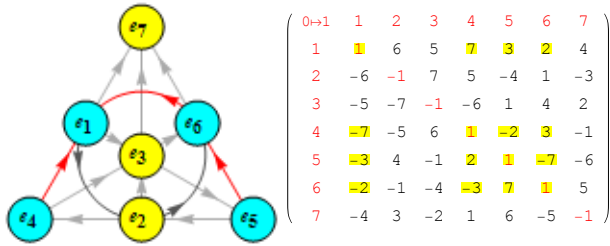
Split=3(2, 3, 5, 6) Not Flipped



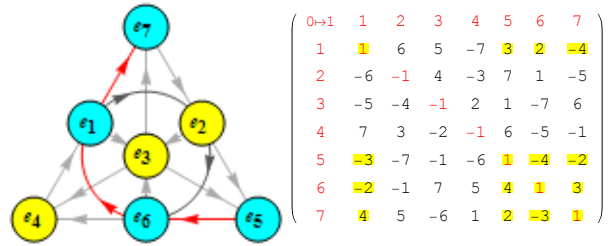
Split=4(1, 4, 5, 6) Flipped



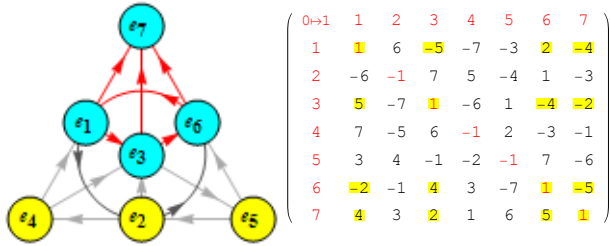
Split=4(1, 5, 6, 7) Not Flipped



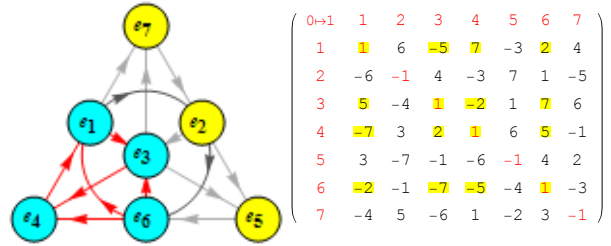
Split=5(1, 3, 6, 7) Flipped



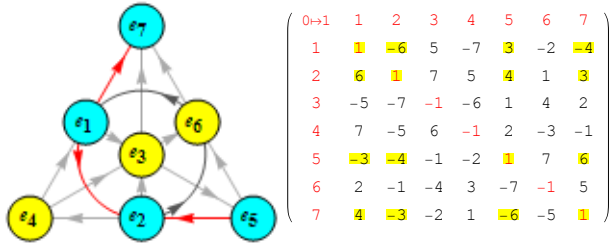
Split=5(1, 5, 6, 7) Not Flipped



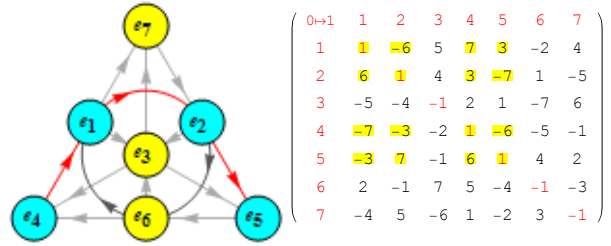
Split=6(1, 2, 5, 7) Flipped



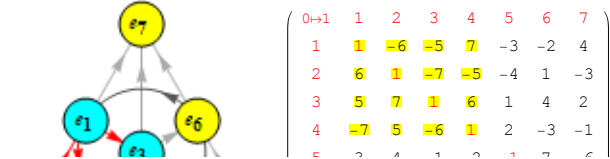
Split=6(1, 2, 4, 5) Not Flipped



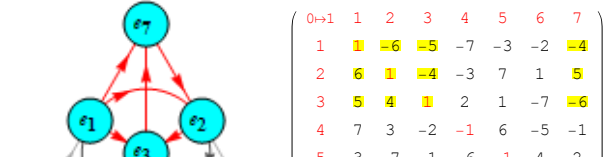
Split=7(1, 2, 3, 4) Flipped



Split=7(1, 2, 3, 7) Not Flipped



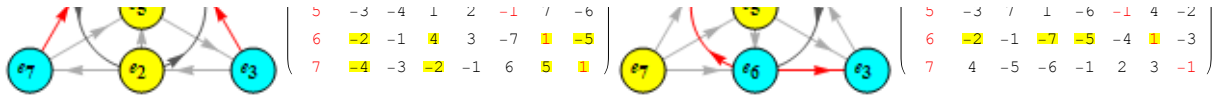
Split=7(1, 2, 3, 4) Flipped



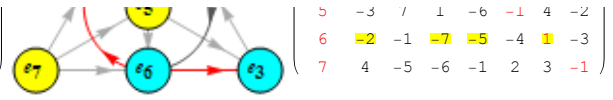
Split=7(1, 2, 3, 7) Not Flipped



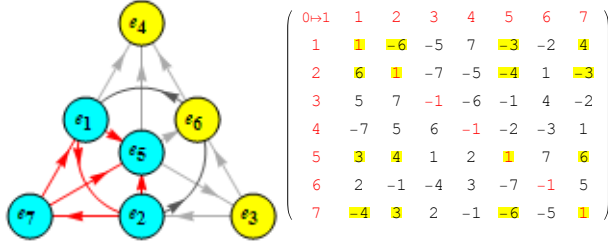




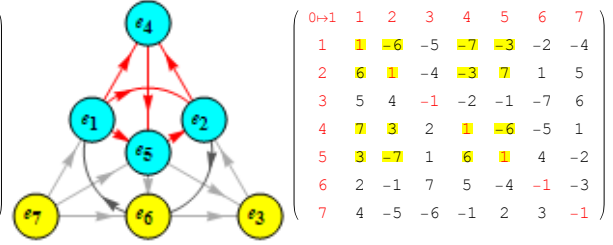
Split=6(1, 2, 5, 7) Flipped



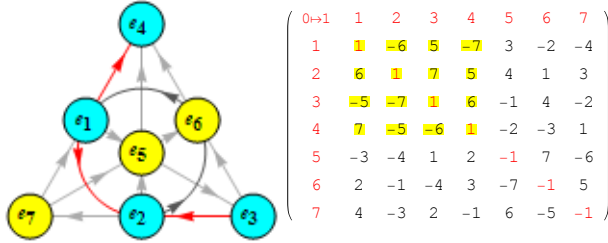
Split=6(1, 2, 4, 5) Not Flipped



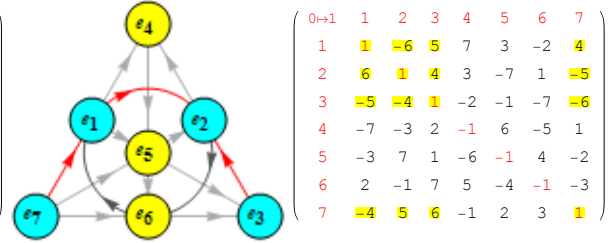
Split=7(1, 2, 3, 4) Flipped



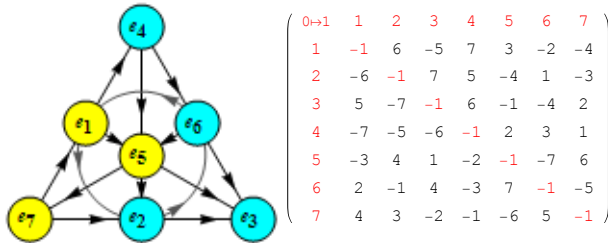
Split=7(1, 2, 3, 7) Not Flipped



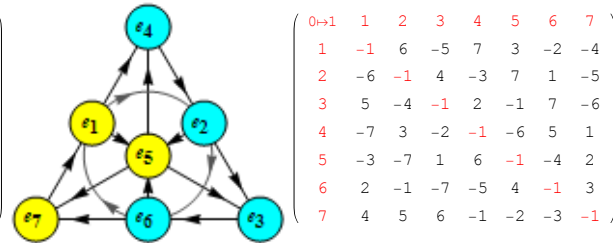
EBH140 Flip {(1, 2, 6), (1, 5, 3), (1, 4, 7), (2, 3, 7), (2, 4, 5), (3, 4, 6), (5, 7, 6)}



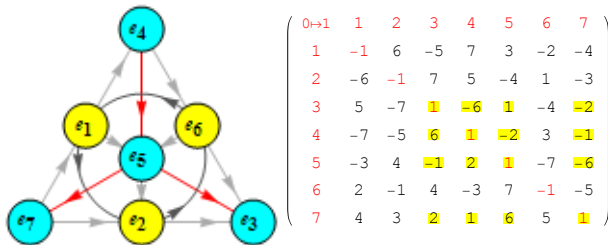
No Flip {(1, 2, 6), (1, 5, 3), (1, 4, 7), (2, 3, 4), (2, 5, 7), (3, 6, 7), (4, 6, 5)}



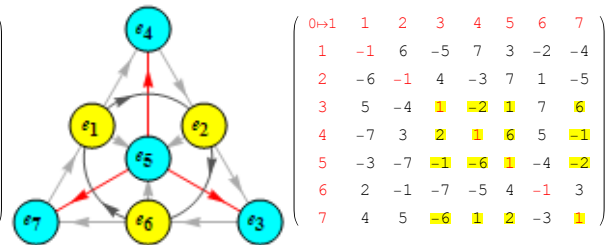
Split=1(3, 4, 5, 7) Flipped



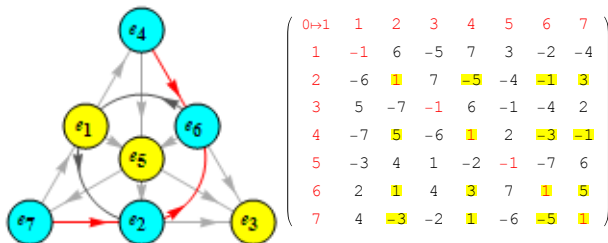
Split=1(3, 4, 5, 7) Not Flipped



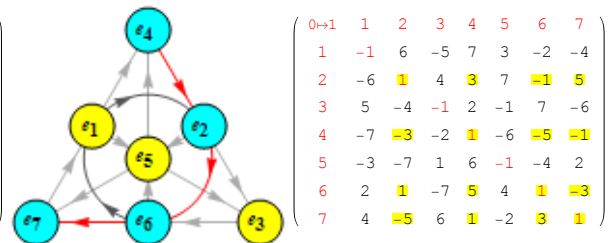
Split=2(2, 4, 6, 7) Flipped



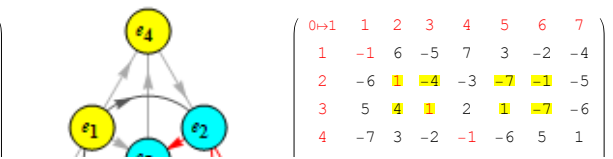
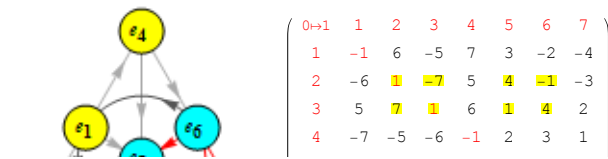
Split=2(2, 4, 6, 7) Not Flipped

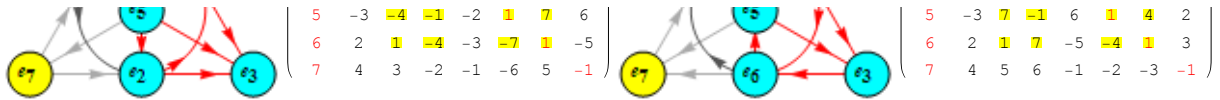


Split=3(2, 3, 5, 6) Flipped

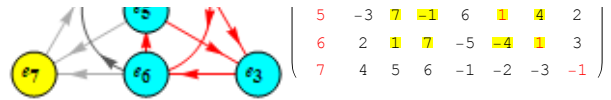


Split=3(2, 3, 5, 6) Not Flipped

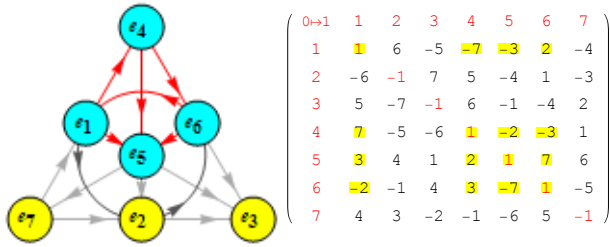




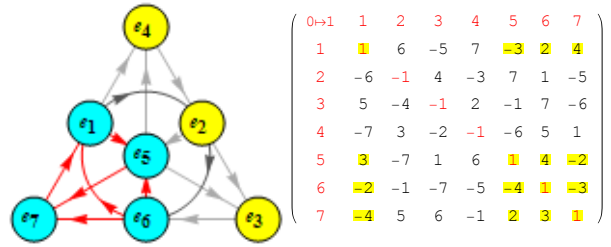
Split=4(1, 4, 5, 6) Flipped



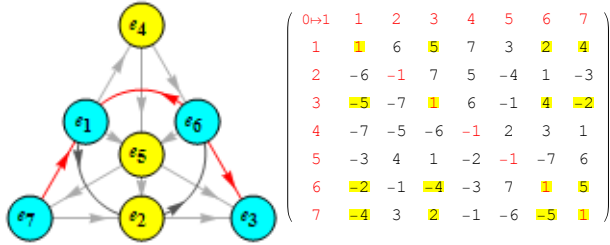
Split=4(1, 5, 6, 7) Not Flipped



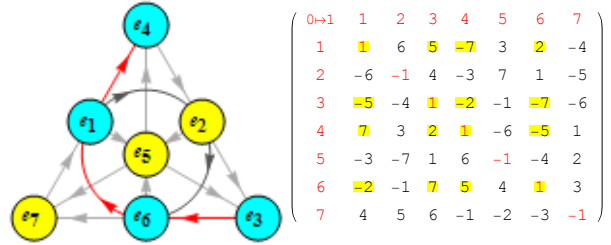
Split=5(1, 3, 6, 7) Flipped



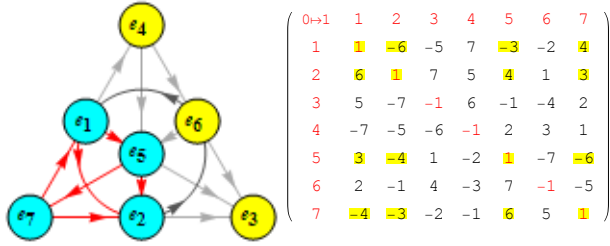
Split=5(1, 3, 4, 6) Not Flipped



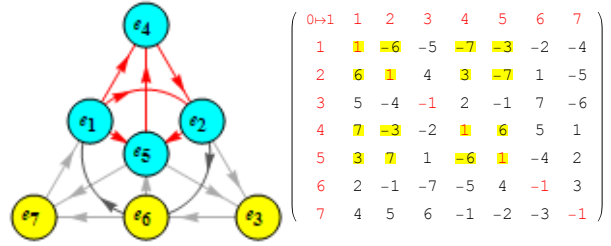
Split=6(1, 2, 5, 7) Flipped



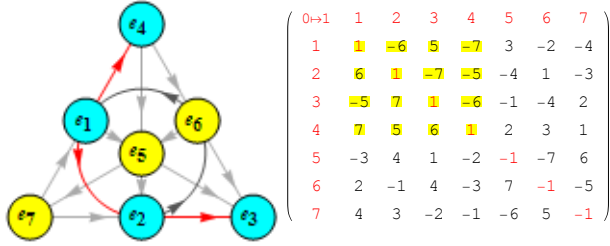
Split=6(1, 2, 4, 5) Not Flipped



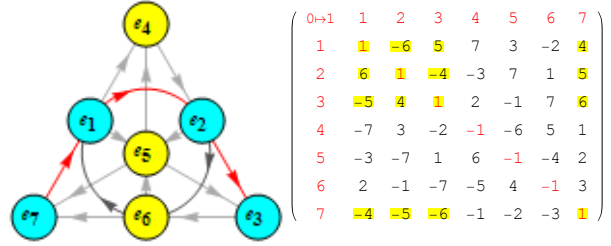
Split=7(1, 2, 3, 4) Flipped



Split=7(1, 2, 3, 7) Not Flipped

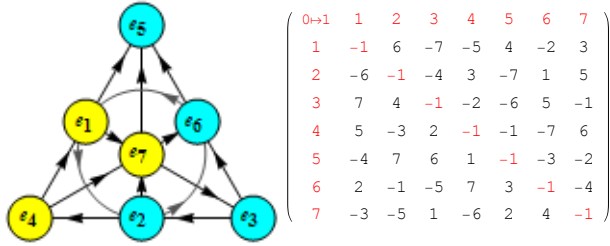


Split=7(1, 2, 3, 4) Flipped

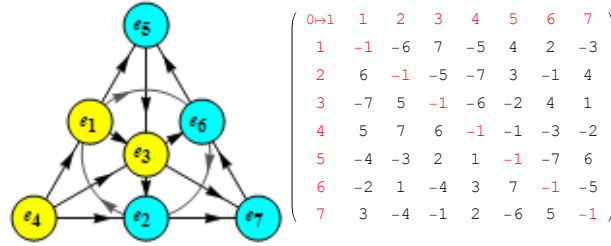


Split=7(1, 2, 3, 7) Not Flipped

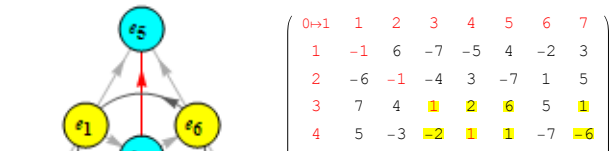
E8h172 Flip {(1, 2, 6), (1, 7, 3), (1, 5, 4), (2, 4, 3), (2, 7, 5), (3, 6, 5), (4, 7, 6)} No Flip {(1, 6, 2), (1, 3, 7), (1, 5, 4), (2, 5, 3), (2, 7, 4), (3, 6, 4), (5, 7, 6)}



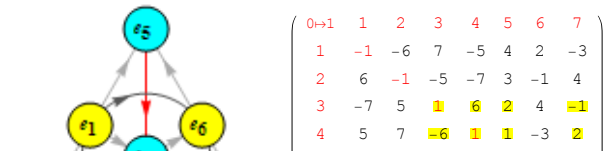
Split=1(3, 4, 5, 7) Flipped



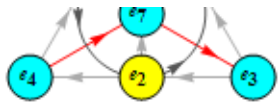
Split=1(3, 4, 5, 7) Not Flipped



Split=1(3, 4, 5, 7) Flipped

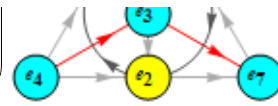


Split=1(3, 4, 5, 7) Not Flipped



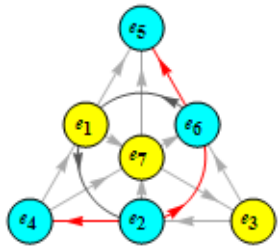
5	-4	7	-6	-1	1	-3	2
6	2	-1	-5	7	3	-1	-4
7	-3	-5	-1	6	-2	4	1

Split=2(2, 4, 5, 6) Flipped



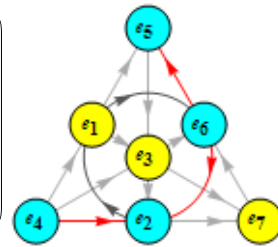
5	-4	-3	-2	-1	1	-7	-6
6	-2	1	-4	3	7	-1	-5
7	3	-4	1	-2	6	5	1

Split=2(2, 4, 5, 6) Not Flipped



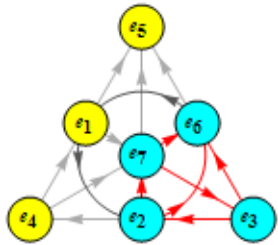
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	-4	-3	7	-1	5
3	7	4	-1	-2	-6	5	-1
4	5	3	2	1	1	7	6
5	-4	-7	6	-1	1	3	-2
6	2	1	-5	-7	-3	1	-4
7	-3	-5	1	-6	2	4	-1

Split=3(2, 3, 6, 7) Flipped



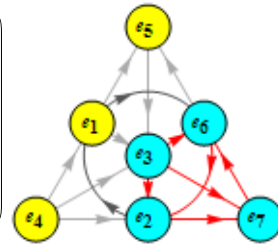
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	-5	7	-3	1	4
3	-7	5	-1	-6	-2	4	1
4	5	-7	6	1	1	3	-2
5	-4	3	2	-1	1	7	6
6	-2	-1	-4	-3	-7	1	-5
7	3	-4	-1	2	-6	5	-1

Split=3(2, 3, 6, 7) Not Flipped



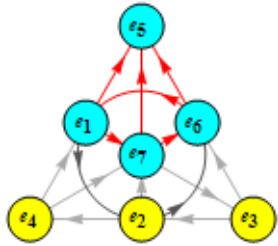
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	4	3	-7	-1	-5
3	7	-4	1	-2	-6	-5	1
4	5	-3	2	-1	-1	-7	6
5	-4	7	6	1	-1	-3	-2
6	2	1	5	7	3	1	4
7	-3	5	-1	-6	2	-4	1

Split=4(1, 5, 6, 7) Flipped



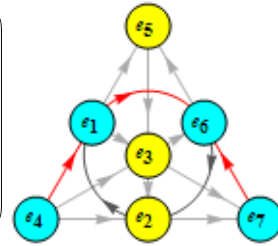
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	5	-7	3	1	-4
3	-7	-5	1	-6	-2	-4	-1
4	5	7	6	-1	-1	-3	-2
5	-4	-3	2	1	-1	-7	6
6	-2	-1	4	3	7	1	5
7	3	4	1	2	-6	-5	1

Split=4(1, 5, 6, 7) Not Flipped



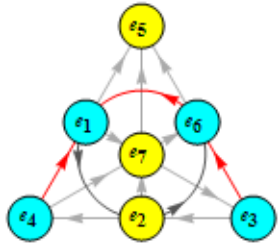
0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	-1	-4	3	-7	1	5
3	7	4	-1	-2	-6	5	-1
4	5	-3	2	-1	-1	-7	6
5	4	7	6	1	1	3	2
6	-2	-1	-5	7	-3	1	4
7	3	-5	1	-6	-2	-4	1

Split=5(1, 3, 4, 6) Flipped



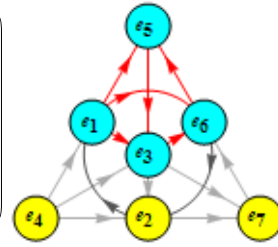
0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	-1	-5	-7	3	-1	4
3	-7	5	-1	-6	-2	4	1
4	-5	7	6	1	-1	3	2
5	-4	-3	2	1	-1	-7	6
6	2	1	-4	-3	7	1	5
7	-3	-4	-1	-2	-6	-5	1

Split=5(1, 3, 4, 6) Not Flipped



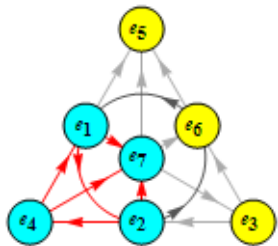
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	-1	-4	3	-7	1	5
3	-7	4	1	2	-6	-5	-1
4	-5	-3	-2	1	-1	7	6
5	-4	7	6	1	-1	-3	-2
6	-2	-1	5	7	3	1	-4
7	-3	-5	1	-6	2	4	-1

Split=6(1, 2, 4, 7) Flipped



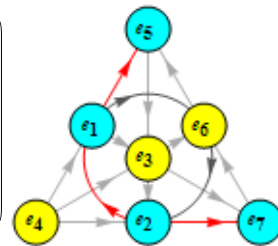
0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	-1	-5	-7	3	-1	4
3	7	5	1	-6	2	-4	1
4	5	7	6	-1	-1	-3	-2
5	4	-3	-2	1	1	7	6
6	2	1	4	3	-7	1	-5
7	3	-4	-1	2	-6	5	-1

Split=6(1, 2, 4, 7) Not Flipped



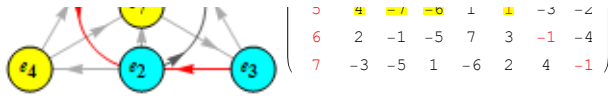
0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	-2	3
2	6	1	4	3	7	1	5
3	-7	-4	1	-2	6	5	-1
4	5	-3	2	-1	-1	-7	6
5	-4	7	6	1	-1	-3	-2
6	2	-1	-5	7	3	-1	-4
7	3	5	1	6	2	4	1

Split=7(1, 2, 3, 5) Flipped

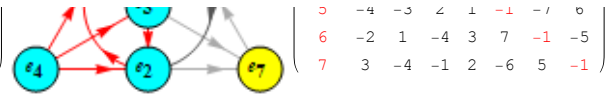


0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	1	5	7	3	-1	4
3	-7	5	-1	-6	-2	4	1
4	5	7	6	-1	-1	-3	-2
5	4	3	2	1	1	-7	-6
6	-2	1	-4	3	7	-1	-5
7	-3	4	-1	2	6	5	1

Split=7(1, 2, 3, 5) Not Flipped



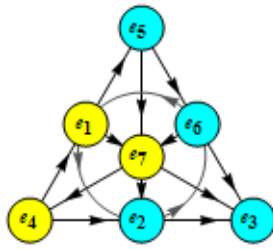
5	4	-7	-6	1	4	-3	-2
6	2	-1	-5	7	3	-1	-4
7	-3	-5	1	-6	2	4	-1



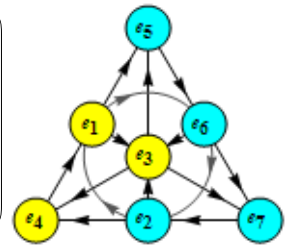
5	-4	-3	2	1	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	3	-4	-1	2	-6	5	-1

E8H217 Flip  $\{(1, 2, 6), (1, 7, 3), (1, 5, 4), (2, 3, 4), (2, 5, 7), (3, 5, 6), (4, 6, 7)\}$

No Flip  $\{(1, 6, 2), (1, 3, 7), (1, 5, 4), (2, 3, 5), (2, 4, 7), (3, 4, 6), (5, 6, 7)\}$



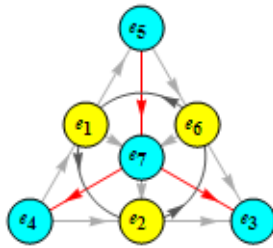
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	4	-3	7	1	-5
3	7	-4	-1	2	6	-5	-1
4	5	3	-2	-1	-1	7	-6
5	-4	-7	-6	1	-1	3	2
6	2	-1	5	-7	-3	-1	4
7	-3	5	1	6	-2	-4	-1



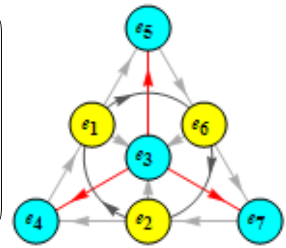
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	5	7	-3	-1	-4
3	-7	-5	-1	6	2	-4	1
4	5	-7	-6	-1	-1	3	2
5	-4	3	-2	1	-1	7	-6
6	-2	1	4	-3	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



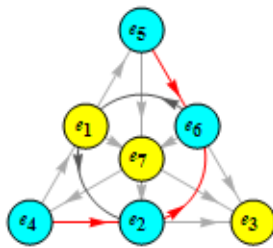
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	4	-3	7	1	-5
3	7	-4	2	-6	-5	1	6
4	5	3	2	1	1	7	6
5	-4	-7	6	-1	1	3	-2
6	2	-1	5	-7	-3	-1	4
7	-3	5	-1	-6	2	-4	1



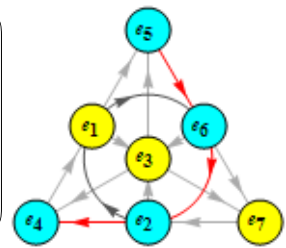
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	5	7	-3	-1	-4
3	-7	-5	2	-6	-5	-4	-1
4	5	-7	6	1	1	3	-2
5	-4	3	2	-1	1	7	6
6	-2	1	4	-3	-7	-1	5
7	3	4	1	2	-6	-5	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



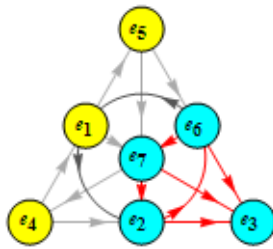
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	4	3	-7	-1	-5
3	7	-4	-1	2	6	-5	-1
4	5	-3	-2	1	1	-7	-6
5	-4	7	-6	-1	1	-3	2
6	2	1	5	7	3	1	4
7	-3	5	1	6	-2	-4	-1



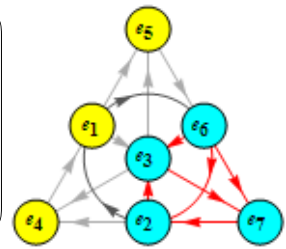
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	5	-7	3	1	-4
3	-7	-5	-1	6	2	-4	1
4	5	7	-6	1	1	-3	2
5	-4	-3	-2	-1	1	-7	-6
6	-2	-1	4	3	7	1	5
7	3	4	-1	-2	6	-5	-1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



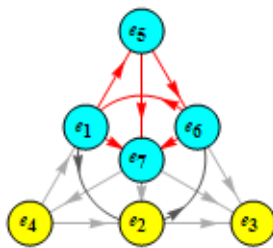
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	-4	-3	7	-1	5
3	7	4	1	2	6	5	1
4	5	3	-2	-1	-1	7	-6
5	-4	-7	-6	1	-1	3	2
6	2	1	-5	-7	-3	1	-4
7	-3	-5	-1	6	-2	4	1



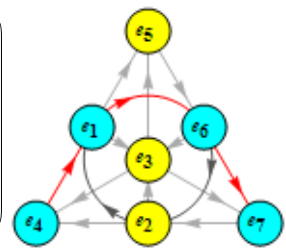
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	-5	7	-3	1	4
3	-7	5	1	6	2	4	-1
4	5	-7	-6	-1	-1	3	2
5	-4	3	-2	1	-1	7	-6
6	-2	-1	-4	-3	-7	1	-5
7	3	-4	1	-2	6	5	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



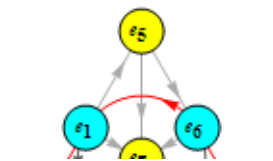
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	-1	4	-3	7	1	-5
3	7	-4	-1	2	6	-5	-1
4	5	3	-2	-1	-1	7	-6
5	4	-7	-6	1	1	-3	-2
6	-2	-1	5	-7	3	1	-4
7	3	5	1	6	2	4	1



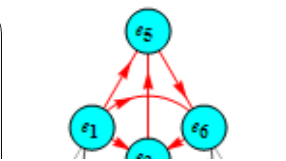
0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	-1	5	7	-3	-1	-4
3	-7	-5	-1	6	2	-4	1
4	-5	-7	-6	1	-1	-3	-2
5	-4	3	-2	1	-1	7	-6
6	2	1	4	3	-7	1	-5
7	-3	4	-1	2	6	5	1

Split=5(1, 3, 4, 6) Flipped

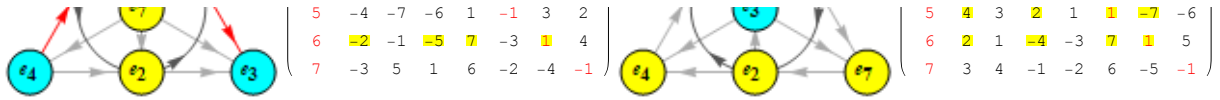
Split=5(1, 3, 4, 6) Not Flipped



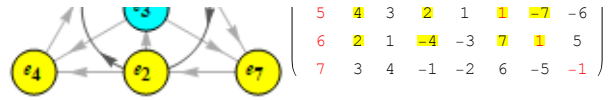
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	-1	4	-3	7	1	-5
3	-7	-4	1	-2	6	5	-1
4	-5	3	2	1	-1	-7	-6



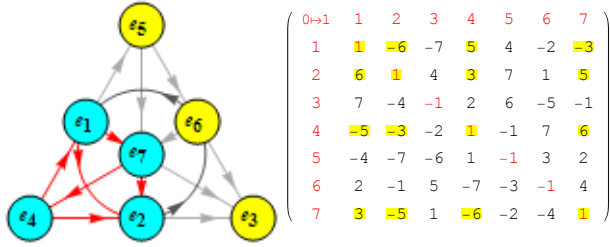
0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	-1	5	7	-3	-1	-4
3	-7	-5	1	6	-2	4	1
4	5	-7	-6	-1	-1	3	2



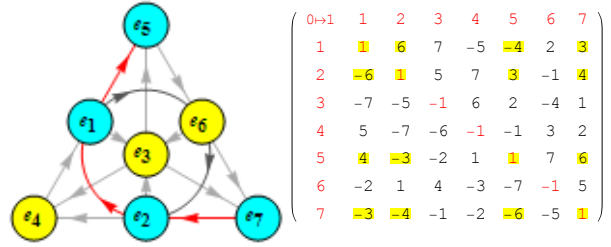
Split=6(1, 2, 4, 7) Flipped



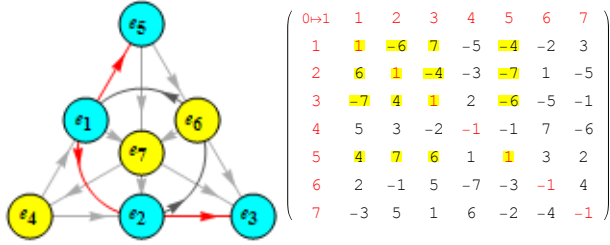
Split=6(1, 2, 5, 7) Not Flipped



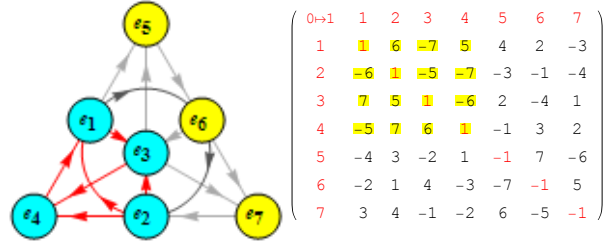
Split=7(1, 2, 3, 5) Flipped



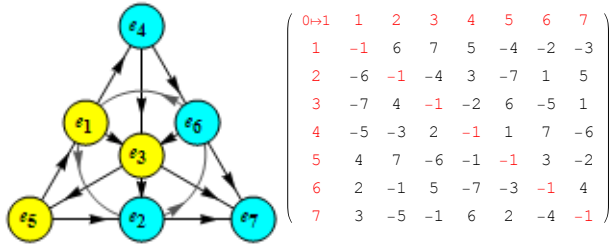
Split=7(1, 2, 3, 4) Not Flipped



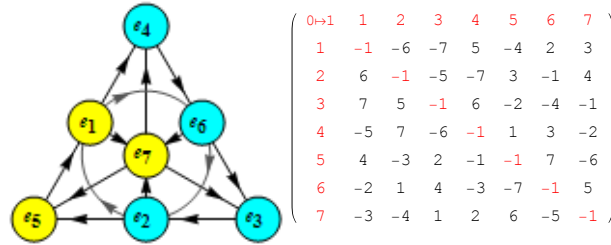
EBH49 Flip {(1, 2, 6), (1, 3, 7), (1, 4, 5), (2, 4, 3), (2, 7, 5), (3, 5, 6), (4, 6, 7)}



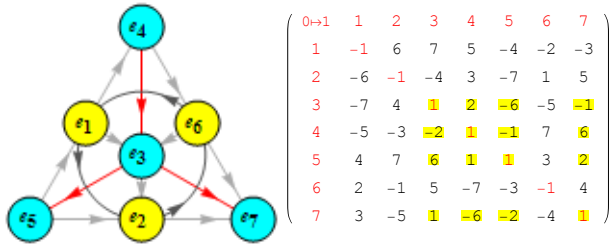
No Flip {(1, 6, 2), (1, 7, 3), (1, 4, 5), (2, 5, 3), (2, 7, 4), (3, 4, 6), (5, 6, 7)}



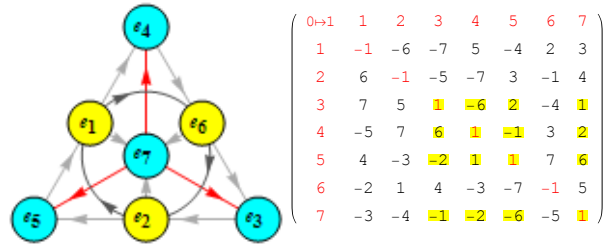
Split=1(3, 4, 5, 7) Flipped



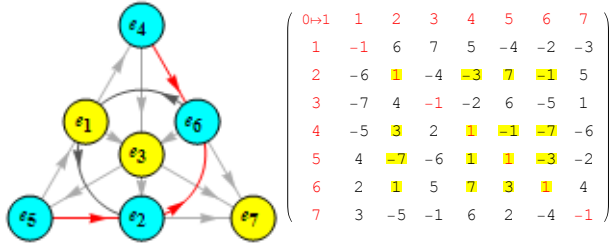
Split=1(3, 4, 5, 7) Not Flipped



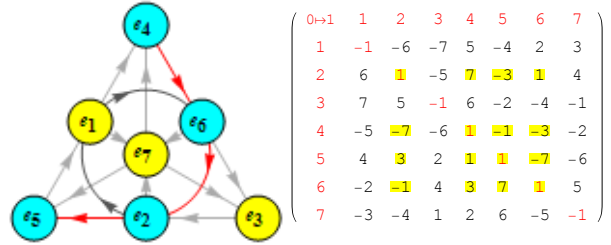
Split=2(2, 4, 5, 6) Flipped



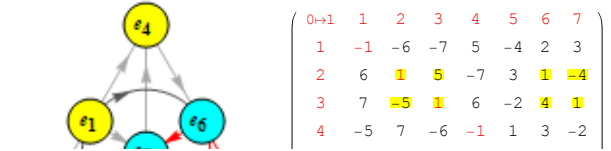
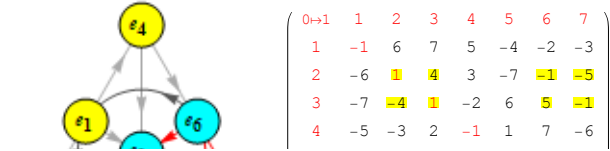
Split=2(2, 4, 5, 6) Not Flipped

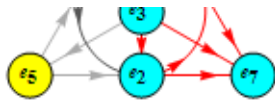


Split=3(2, 3, 6, 7) Flipped



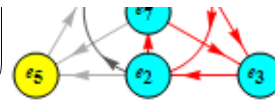
Split=3(2, 3, 6, 7) Not Flipped





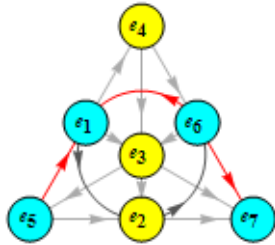
5	4	7	-6	-1	-1	3	-2
6	2	1	-5	-7	-3	1	-4
7	3	5	1	6	2	4	1

Split=4(1, 5, 6, 7) Flipped



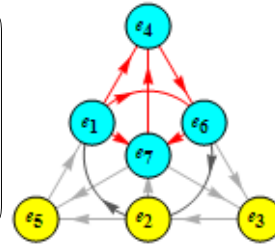
5	4	-3	2	-1	-1	7	-6
6	-2	-1	-4	-3	-7	1	-5
7	-3	4	-1	2	6	5	1

Split=4(1, 4, 6, 7) Not Flipped



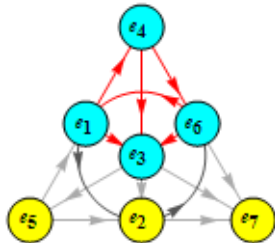
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	-1	-4	3	-7	1	5
3	-7	4	-1	-2	6	-5	1
4	-5	-3	2	-1	1	7	-6
5	-4	7	-6	-1	1	-3	2
6	-2	-1	5	-7	3	1	-4
7	-3	-5	-1	6	-2	4	1

Split=5(1, 3, 4, 6) Flipped



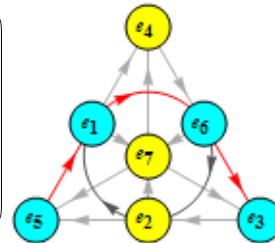
0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	-1	-5	-7	3	-1	4
3	7	5	-1	6	-2	-4	-1
4	5	7	-6	1	1	-3	2
5	4	-3	2	-1	-1	7	-6
6	2	1	4	3	-7	1	-5
7	3	-4	1	-2	6	5	1

Split=5(1, 3, 5, 6) Not Flipped



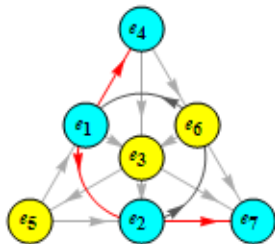
0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	-1	-4	3	-7	1	5
3	7	4	1	2	6	5	1
4	5	-3	-2	1	1	-7	-6
5	4	7	-6	-1	-1	3	-2
6	-2	-1	-5	7	-3	1	4
7	3	-5	-1	6	2	-4	-1

Split=6(1, 2, 4, 7) Flipped



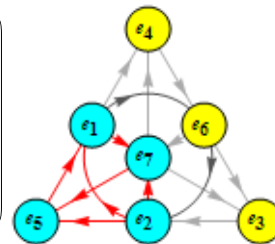
0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	-1	-5	-7	3	-1	4
3	-7	5	1	6	2	4	-1
4	-5	7	-6	-1	1	3	-2
5	-4	-3	-2	-1	1	-7	-6
6	2	1	-4	-3	7	1	5
7	-3	-4	1	2	6	-5	-1

Split=6(1, 2, 5, 7) Not Flipped



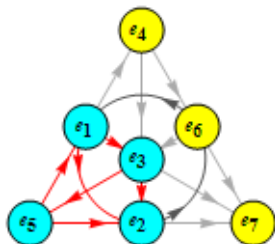
0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	2	-3
2	6	1	-4	-3	-7	1	-5
3	-7	4	-1	-2	6	-5	1
4	5	3	2	1	1	7	6
5	4	7	-6	-1	-1	3	-2
6	2	-1	5	-7	-3	-1	4
7	-3	5	-1	-6	2	-4	1

Split=7(1, 2, 3, 5) Flipped



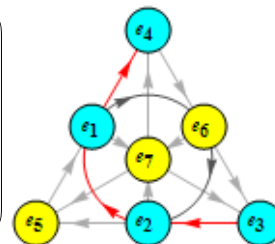
0→1	1	2	3	4	5	6	7
1	1	6	-7	5	4	2	-3
2	-6	1	-5	-7	-3	-1	-4
3	7	5	-1	6	-2	-4	-1
4	-5	7	-6	-1	1	3	-2
5	-4	3	2	-1	1	7	6
6	-2	1	4	-3	-7	-1	5
7	3	4	1	2	-6	-5	1

Split=7(1, 2, 3, 4) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	-7	5	4	-2	-3
2	6	1	4	3	7	1	5
3	7	-4	1	-2	-6	-5	1
4	-5	-3	2	-1	1	7	-6
5	-4	-7	6	-1	1	3	-2
6	2	-1	5	-7	-3	-1	4
7	3	-5	-1	6	2	-4	-1

Split=1(3, 4, 5, 7) Flipped

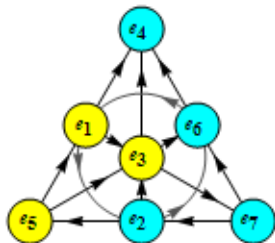


0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	1	5	7	3	-1	4
3	-7	-5	1	-6	-2	-4	-1
4	5	-7	6	1	1	3	-2
5	4	-3	2	-1	-1	7	-6
6	-2	1	4	-3	-7	-1	5
7	-3	-4	1	2	6	-5	-1

Split=1(3, 4, 5, 7) Not Flipped

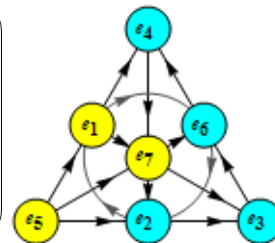
EB169 Flip ((1, 2, 6), (1, 3, 7), (1, 4, 5), (2, 3, 4), (2, 5, 7), (3, 6, 5), (4, 7, 6))

No Flip ((1, 6, 2), (1, 7, 3), (1, 4, 5), (2, 3, 5), (2, 4, 7), (3, 6, 4), (5, 7, 6))



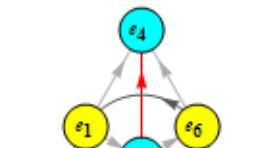
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	4	-3	7	1	-5
3	-7	-4	-1	2	-6	5	1
4	-5	3	-2	-1	1	-7	6
5	4	-7	6	-1	-1	-3	2
6	2	-1	-5	7	3	-1	-4
7	3	5	-1	-6	-2	4	-1

Split=1(3, 4, 5, 7) Flipped



0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	5	7	-3	-1	-4
3	7	-5	-1	-6	2	4	-1
4	-5	-7	6	-1	1	-3	2
5	4	3	-2	-1	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	-3	4	1	-2	-6	5	-1

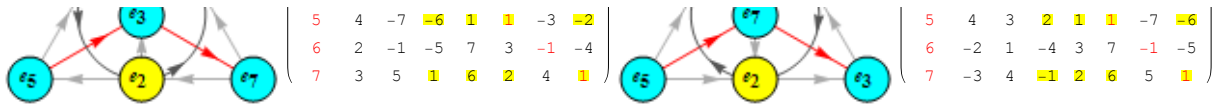
Split=1(3, 4, 5, 7) Not Flipped



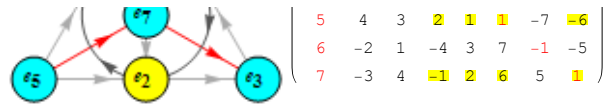
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	4	-3	7	1	-5
3	-7	-4	1	-2	6	5	-1
4	-5	3	2	1	-1	-7	-6



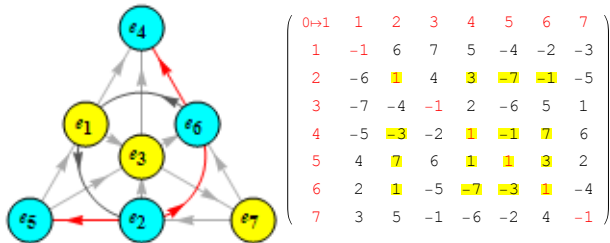
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	5	7	-3	-1	-4
3	7	-5	1	6	-2	4	1
4	-5	-7	-6	1	-1	-3	-2



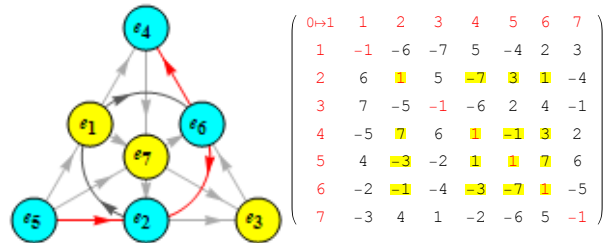
Split=2(2, 4, 5, 6) Flipped



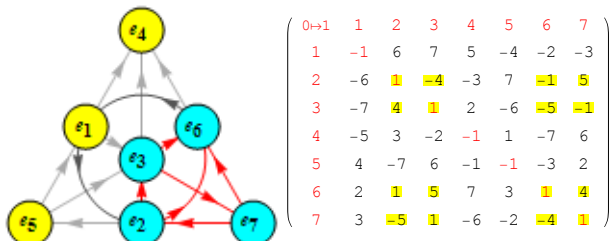
Split=2(2, 4, 5, 6) Not Flipped



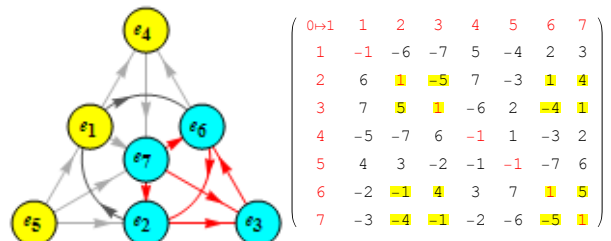
Split=3(2, 3, 6, 7) Flipped



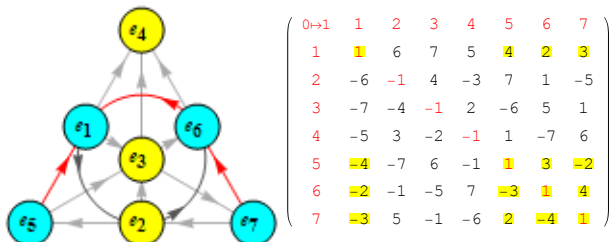
Split=3(2, 3, 6, 7) Not Flipped



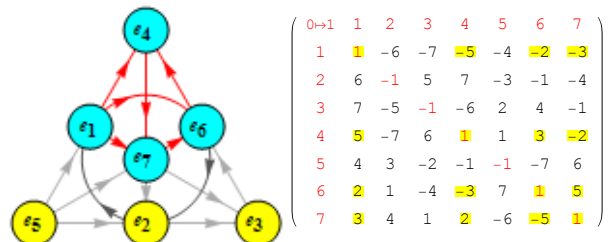
Split=4(1, 5, 6, 7) Flipped



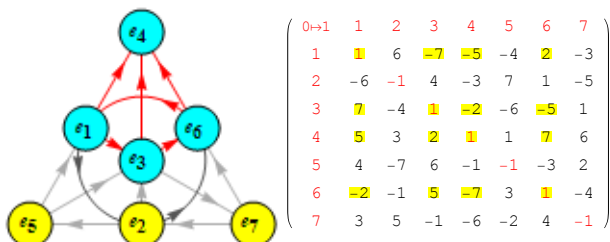
Split=4(1, 4, 6, 7) Not Flipped



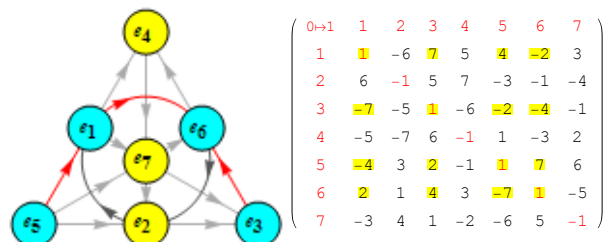
Split=5(1, 3, 4, 6) Flipped



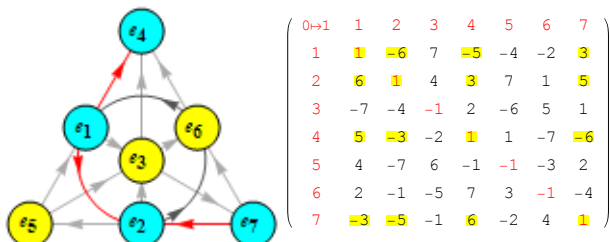
Split=5(1, 3, 5, 6) Not Flipped



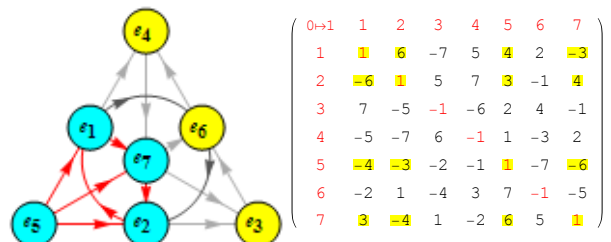
Split=6(1, 2, 4, 7) Flipped



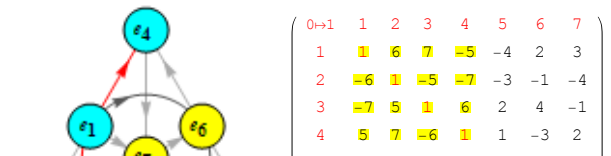
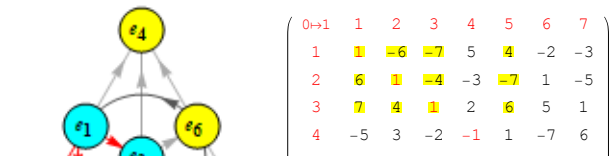
Split=6(1, 2, 5, 6) Not Flipped



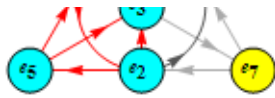
Split=7(1, 2, 3, 5) Flipped



Split=7(1, 2, 3, 4) Not Flipped







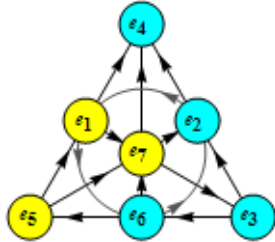
5	-4	7	-6	-1	1	-3	2
6	2	-1	-5	7	3	-1	-4
7	3	5	-1	-6	-2	4	-1



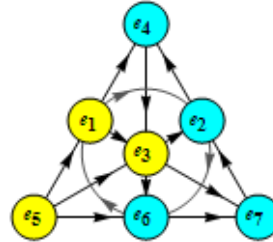
5	4	3	-2	-1	-1	-7	6
6	-2	1	-4	3	7	-1	-5
7	-3	4	1	-2	-6	5	-1

EBu73 Flip  $\{(1, 6, 2), (1, 7, 3), (1, 4, 5), (2, 4, 3), (2, 5, 7), (3, 6, 5), (4, 6, 7)\}$

No Flip  $\{(1, 2, 6), (1, 3, 7), (1, 4, 5), (2, 5, 3), (2, 4, 7), (3, 6, 4), (5, 6, 7)\}$



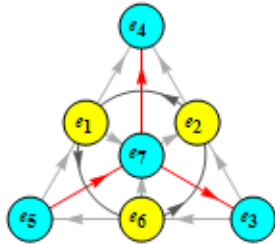
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	-4	3	7	-1	-5
3	7	4	-1	-2	-6	5	-1
4	-5	-3	2	-1	1	7	-6
5	4	-7	6	-1	-1	-3	2
6	-2	1	-5	-7	3	-1	4
7	-3	5	1	6	-2	-4	-1



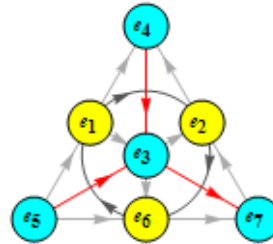
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	-5	7	3	1	-4
3	-7	5	-1	-6	-2	4	1
4	-5	-7	6	-1	1	-3	2
5	4	-3	2	-1	-1	7	-6
6	2	-1	-4	3	-7	-1	5
7	3	4	-1	-2	6	-5	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



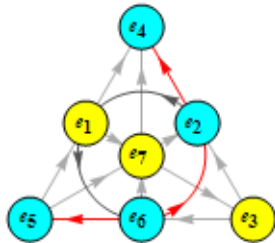
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	-4	3	7	-1	-5
3	7	4	1	2	6	5	1
4	-5	-3	-2	1	-1	7	6
5	4	-7	6	1	1	-3	-2
6	-2	1	-5	-7	3	-1	4
7	-3	5	-1	-6	2	-4	1



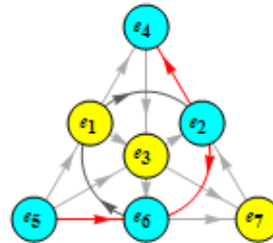
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	-5	7	3	1	-4
3	-7	5	1	6	2	4	-1
4	-5	-7	-6	1	-1	-3	-2
5	4	-3	-2	1	1	7	6
6	2	-1	-4	3	-7	-1	5
7	3	4	1	2	-6	-5	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



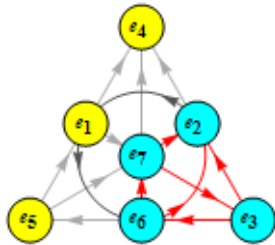
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	1	-4	3	-7	1	-5
3	7	4	1	2	6	5	1
4	-5	-3	-2	1	-1	7	6
5	4	-7	6	1	1	-3	-2
6	-2	-1	-5	-7	3	-1	4
7	-3	5	-1	-6	2	-4	1



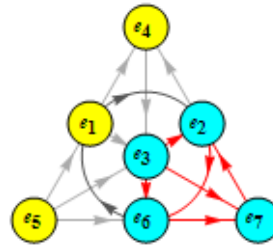
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	1	-5	7	3	1	-4
3	-7	5	1	6	2	4	-1
4	-5	-7	-6	1	-1	-3	-2
5	4	-3	-2	1	1	7	6
6	2	-1	-4	3	-7	-1	5
7	3	4	1	2	-6	-5	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



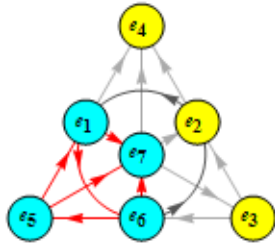
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	1	-4	3	-7	1	-5
3	7	-4	1	-2	-6	-5	1
4	-5	-3	2	-1	1	7	-6
5	4	-7	6	-1	-1	-3	2
6	-2	-1	-5	-7	3	1	-4
7	-3	-5	-1	6	-2	-4	1



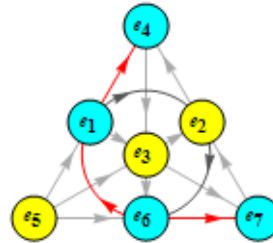
0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	1	-5	7	3	-1	-4
3	-7	-5	1	-6	-2	-4	-1
4	-5	-7	6	-1	1	-3	2
5	4	-3	2	-1	-1	7	-6
6	2	-1	-4	3	-7	1	-5
7	3	-4	1	-2	6	-5	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	-7	5	4	-2	3
2	6	-1	-4	3	7	-1	-5
3	7	4	-1	-2	-6	5	-1
4	-5	-3	2	-1	1	7	-6
5	-4	-7	6	-1	1	-3	-2
6	2	1	-5	-7	-3	1	-4
7	3	5	1	6	2	-4	1



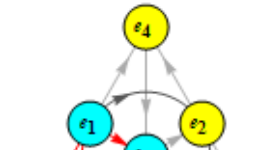
0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	-1	-5	7	3	1	-4
3	-7	5	-1	-6	-2	4	1
4	5	-7	6	1	1	-3	-2
5	4	-3	2	-1	-1	7	-6
6	-2	-1	-4	-3	-7	1	-5
7	-3	4	-1	2	6	5	1

Split=5(1, 3, 4, 6) Flipped

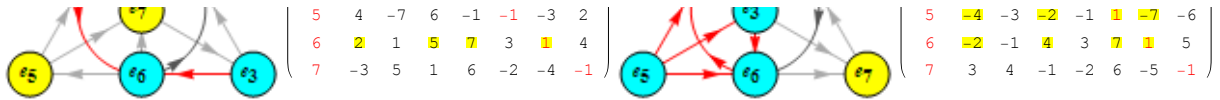
Split=5(1, 3, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	7	5	-4	-2	3
2	6	-1	-4	3	7	-1	-5
3	-7	4	1	2	-6	-5	-1
4	5	-3	-2	1	1	-7	-6

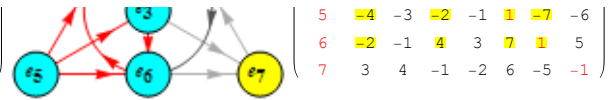


0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	-3
2	-6	-1	-5	7	3	1	-4
3	-7	5	1	-6	2	-4	1
4	5	-7	6	-1	1	-3	2



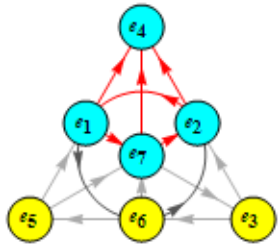
Split=6(1, 2, 4, 7) Flipped

5	4	-7	6	-1	-1	-3	2
6	2	1	5	7	3	4	4
7	-3	5	1	6	-2	-4	-1



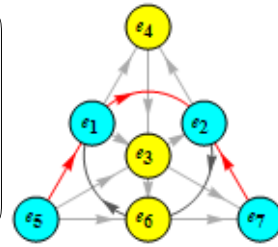
Split=6(1, 2, 5, 7) Not Flipped

5	-4	-3	-2	-1	1	-7	-6
6	-2	-1	4	3	7	1	5
7	3	4	-1	-2	6	-5	-1



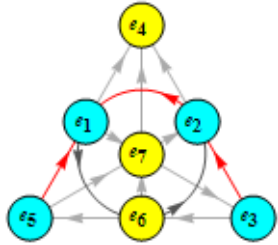
Split=7(1, 2, 3, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	1	-4	-3	7	-1	5
3	7	4	-1	-2	-6	5	-1
4	5	3	2	1	7	6	6
5	4	-7	6	-1	-1	-3	2
6	-2	1	-5	-7	3	-1	4
7	3	-5	1	-6	-2	-4	1



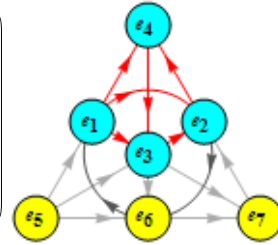
Split=7(1, 2, 3, 4) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	1	-5	7	-3	1	4
3	-7	5	-1	-6	-2	4	1
4	-5	-7	6	-1	1	-3	2
5	-4	3	2	-1	1	7	6
6	2	-1	-4	3	-7	-1	5
7	-3	-4	-1	-2	-6	-5	1



Split=7(1, 2, 3, 4) Not Flipped

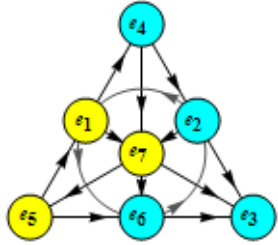
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	1	4	3	-7	-1	-5
3	-7	-4	1	-2	6	5	-1
4	-5	-3	2	-1	1	7	-6
5	-4	7	-6	-1	1	-3	2
6	-2	1	-5	-7	3	-1	4
7	-3	5	1	6	-2	-4	-1



Split=7(1, 2, 3, 4) Not Flipped

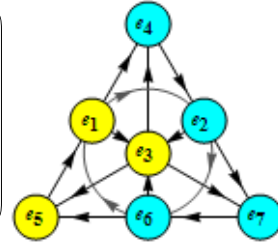
0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	1	5	-7	3	1	-4
3	7	-5	1	6	-2	4	1
4	5	7	-6	1	1	-3	2
5	4	-3	2	-1	-1	7	-6
6	2	-1	-4	3	-7	-1	5
7	3	4	-1	-2	6	-5	-1

EBH84 Flip ((1, 6, 2), (1, 7, 3), (1, 4, 5), (2, 3, 4), (2, 7, 5), (3, 5, 6), (4, 7, 6)) No Flip ((1, 2, 6), (1, 3, 7), (1, 4, 5), (2, 3, 5), (2, 7, 4), (3, 4, 6), (5, 7, 6))



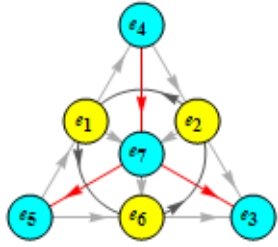
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	4	-3	-7	-1	5
3	7	-4	-1	2	6	-5	-1
4	-5	3	-2	-1	1	-7	6
5	4	7	-6	-1	-1	3	-2
6	-2	1	5	7	-3	-1	-4
7	-3	-5	1	-6	2	4	-1



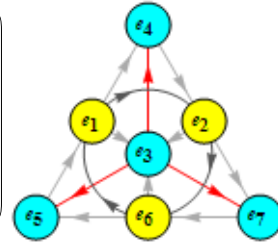
Split=1(3, 4, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	5	-7	-3	1	4
3	-7	-5	-1	6	2	-4	1
4	-5	7	-6	-1	1	3	-2
5	4	3	-2	-1	-1	-7	6
6	2	-1	4	-3	7	-1	-5
7	3	-4	-1	2	-6	5	-1



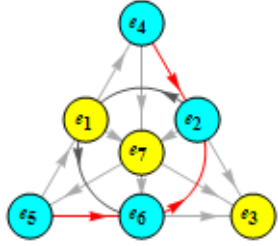
Split=2(2, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	-1	4	-3	-7	-1	5
3	7	-4	1	-2	-6	-5	1
4	-5	3	2	1	-1	-7	-6
5	4	7	6	1	1	3	2
6	-2	1	5	7	-3	-1	-4
7	-3	-5	-1	6	-2	4	1



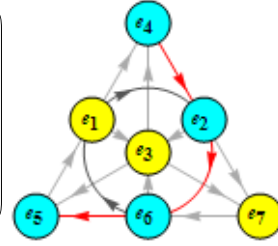
Split=2(2, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	-1	5	-7	-3	1	4
3	-7	-5	1	-6	-2	-4	1
4	-5	7	6	1	-1	3	2
5	4	3	2	1	1	-7	-6
6	2	-1	4	-3	7	-1	-5
7	3	-4	1	-2	6	5	1



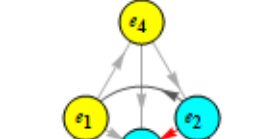
Split=3(2, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	1	-4	-3	-7	1	-5
3	7	4	1	2	6	5	1
4	-5	3	-2	-1	1	-7	6
5	4	-7	-6	1	1	-3	-2
6	-2	-1	5	-7	3	1	-4
7	-3	-5	1	-6	2	4	-1



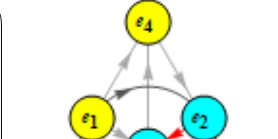
Split=3(2, 3, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	1	-5	-7	-3	-1	4
3	-7	-5	-1	6	2	-4	1
4	-5	-7	-6	1	-1	-3	-2
5	4	-3	-2	1	1	7	6
6	2	1	4	3	-7	1	-5
7	3	-4	-1	2	-6	5	-1



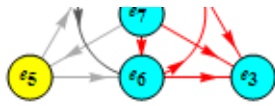
Split=3(2, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	5	-4	2	3
2	6	1	-4	-3	-7	1	-5
3	7	4	1	2	6	5	1
4	-5	3	-2	-1	1	-7	6



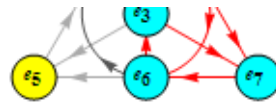
Split=3(2, 3, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	5	-4	-2	-3
2	-6	1	-5	-7	-3	-1	4
3	-7	-5	-1	6	2	4	-1
4	-5	7	-6	-1	1	3	-2



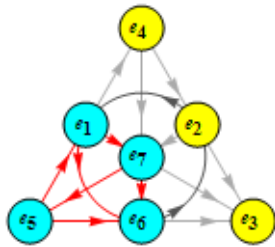
5	4	7	-6	-1	-1	3	-2
6	-2	-1	-5	7	-3	4	4
7	-3	5	-1	-6	2	-4	1

Split=4(1, 5, 6, 7) Flipped



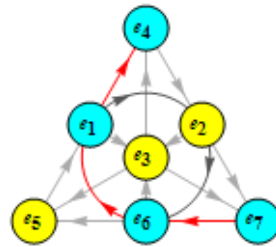
5	4	3	-2	-1	-1	-7	6
6	2	1	-4	-3	7	1	5
7	3	4	1	2	-6	-5	1

Split=4(1, 4, 6, 7) Not Flipped



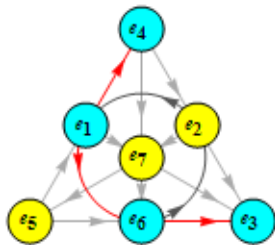
0→1	1	2	3	4	5	6	7
1	1	-6	-7	5	4	-2	-3
2	6	-1	4	-3	-7	-1	5
3	7	-4	-1	2	6	-5	-1
4	-5	3	-2	-1	1	-7	6
5	-4	7	-6	-1	1	-3	2
6	2	1	5	7	3	1	4
7	3	-5	1	-6	-2	-4	1

Split=5(1, 3, 4, 6) Flipped



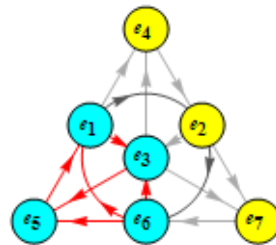
0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	-1	5	-7	-3	1	4
3	-7	-5	-1	6	2	-4	1
4	5	7	-6	1	1	-3	2
5	4	3	-2	-1	-1	-7	6
6	-2	-1	4	3	7	1	5
7	-3	-4	-1	-2	-6	-5	1

Split=5(1, 3, 5, 6) Not Flipped



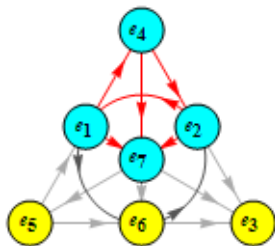
0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	-2	3
2	6	-1	4	-3	-7	-1	5
3	-7	-4	1	-2	6	5	-1
4	5	3	2	1	1	7	6
5	4	7	-6	-1	-1	3	-2
6	2	1	-5	-7	-3	1	-4
7	-3	-5	1	-6	2	4	-1

Split=6(1, 2, 4, 7) Flipped



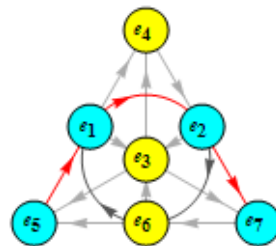
0→1	1	2	3	4	5	6	7
1	1	6	-7	5	4	2	-3
2	-6	-1	5	-7	-3	1	4
3	7	-5	1	6	-2	4	1
4	-5	7	-6	-1	1	3	-2
5	-4	3	2	-1	1	7	6
6	-2	-1	-4	-3	-7	1	-5
7	3	-4	-1	2	-6	5	-1

Split=6(1, 2, 5, 6) Not Flipped



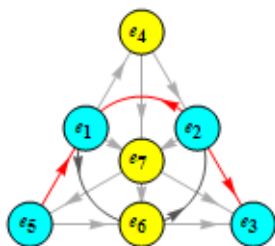
0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	1	4	3	-7	-1	-5
3	7	-4	-1	2	6	-5	-1
4	5	-3	-2	1	1	-7	-6
5	4	7	-6	-1	-1	3	-2
6	-2	1	5	7	-3	-1	-4
7	3	5	1	6	2	4	1

Split=7(1, 2, 3, 5) Flipped



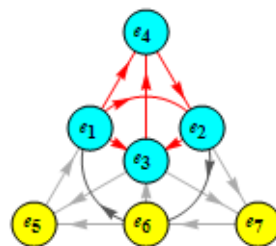
0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	1	5	-7	3	1	-4
3	-7	-5	-1	6	2	-4	1
4	-5	7	-6	-1	1	3	-2
5	-4	-3	-2	-1	1	-7	-6
6	2	-1	4	-3	7	-1	-5
7	-3	4	-1	2	6	5	1

Split=7(1, 2, 3, 4) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	1	-4	-3	7	-1	5
3	-7	4	1	2	-6	-5	-1
4	-5	3	-2	-1	1	-7	6
5	-4	-7	6	-1	1	3	-2
6	-2	1	5	7	-3	-1	-4
7	-3	-5	1	-6	2	4	-1

Split=7(1, 2, 3, 5) Flipped

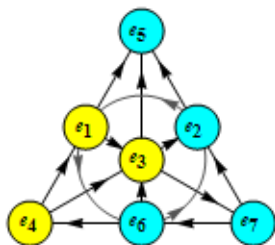


0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	1	-5	7	-3	1	4
3	7	5	1	-6	2	-4	1
4	5	-7	6	1	1	3	-2
5	4	3	-2	-1	-1	-7	6
6	2	-1	4	-3	7	-1	-5
7	3	-4	-1	2	-6	5	-1

Split=7(1, 2, 3, 4) Not Flipped

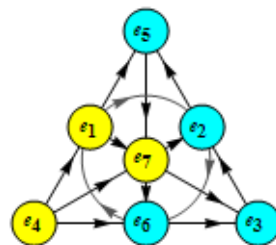
EB164 Flip ((1, 6, 2), (1, 3, 7), (1, 5, 4), (2, 4, 3), (2, 5, 7), (3, 5, 6), (4, 7, 6))

No Flip ((1, 2, 6), (1, 7, 3), (1, 5, 4), (2, 5, 3), (2, 4, 7), (3, 4, 6), (5, 7, 6))



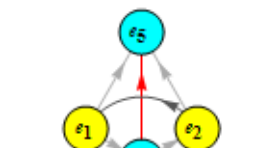
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	-4	3	7	-1	-5
3	-7	4	-1	-2	6	-5	1
4	5	-3	2	-1	-1	-7	6
5	-4	-7	-6	1	-1	3	2
6	-2	1	5	7	-3	-1	-4
7	3	5	-1	-6	-2	4	-1

Split=1(3, 4, 5, 7) Flipped

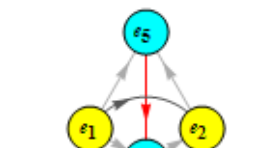


0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	-5	7	3	1	-4
3	7	5	-1	6	-2	-4	-1
4	5	-7	-6	-1	-1	3	2
5	-4	-3	2	1	-1	-7	6
6	2	-1	4	-3	7	-1	-5
7	-3	4	1	-2	-6	5	-1

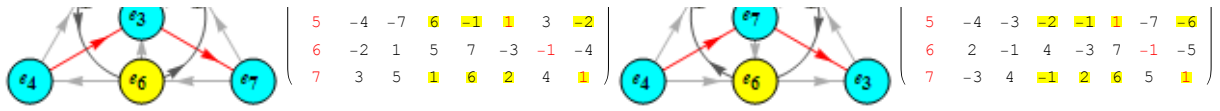
Split=1(3, 4, 5, 7) Not Flipped



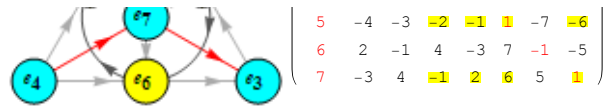
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	-4	3	7	-1	-5
3	-7	4	1	2	-6	-5	-1
4	5	-3	-2	1	1	-7	-6



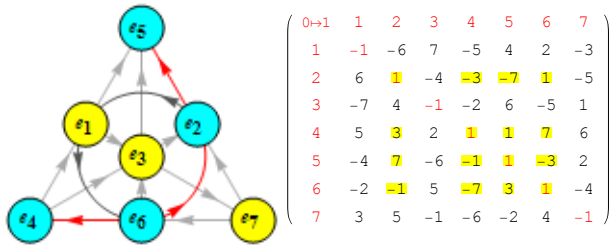
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	-5	7	3	1	-4
3	7	5	1	-6	2	-4	1
4	5	-7	6	1	1	3	-2



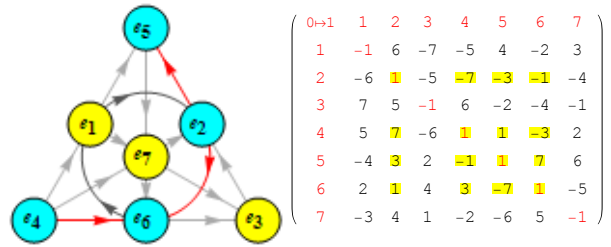
Split=2(2, 4, 5, 6) Flipped



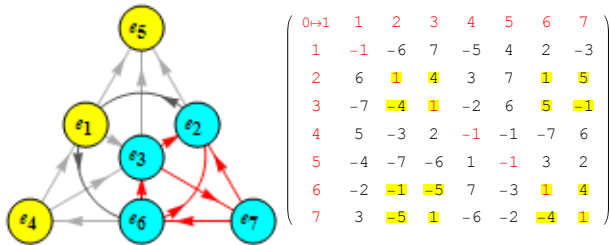
Split=2(2, 4, 5, 6) Not Flipped



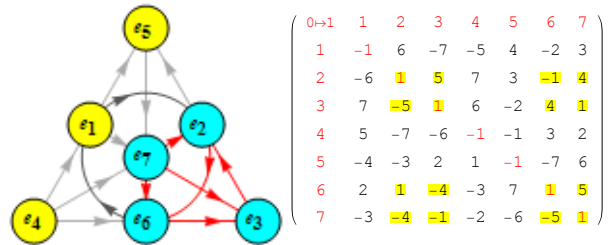
Split=3(2, 3, 6, 7) Flipped



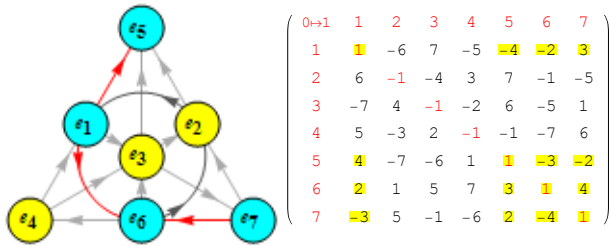
Split=3(2, 3, 6, 7) Not Flipped



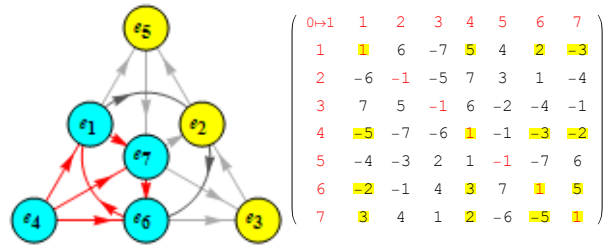
Split=4(1, 5, 6, 7) Flipped



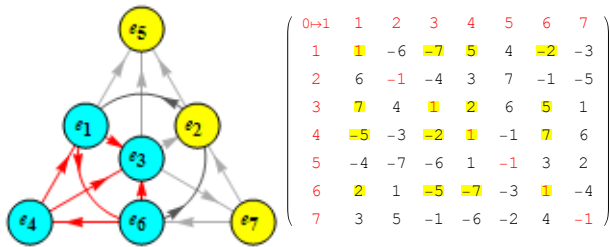
Split=4(1, 5, 6, 7) Not Flipped



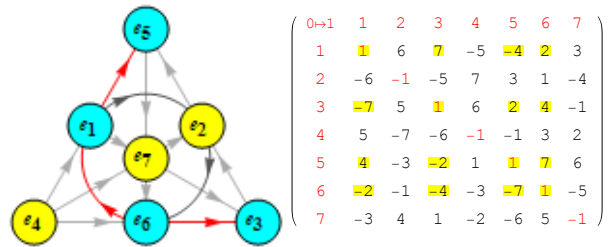
Split=5(1, 4, 6, 7) Flipped



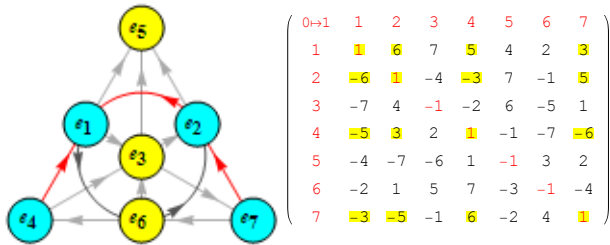
Split=5(1, 4, 6, 7) Not Flipped



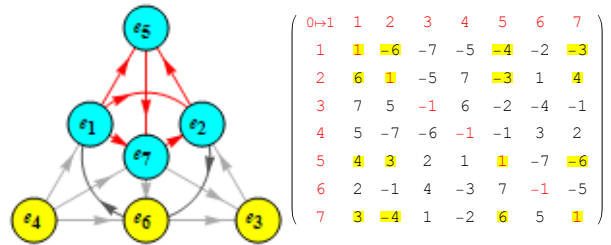
Split=6(1, 3, 4, 6) Flipped



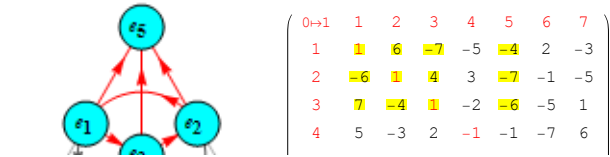
Split=6(1, 3, 4, 6) Not Flipped



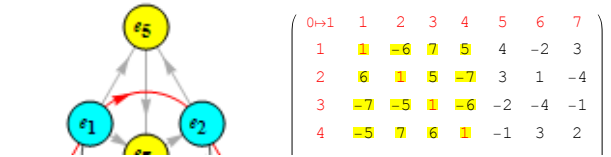
Split=7(1, 2, 4, 7) Flipped



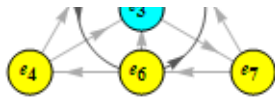
Split=7(1, 2, 4, 7) Not Flipped



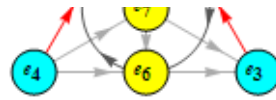
Split=7(1, 2, 3, 5) Flipped



Split=7(1, 2, 3, 5) Not Flipped



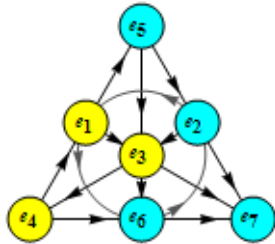
5	4	7	6	1	3	2
6	-2	1	5	7	-3	-1
7	3	5	-1	-6	-2	-1



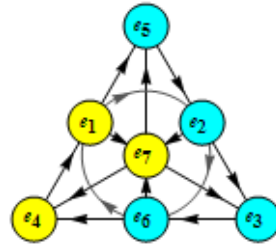
5	-4	-3	2	1	-1	-7	6
6	2	-1	4	-3	7	-1	-5
7	-3	4	1	-2	-6	5	-1

EB219 Flip  $\{(1, 6, 2), (1, 3, 7), (1, 5, 4), (2, 3, 4), (2, 7, 5), (3, 6, 5), (4, 6, 7)\}$

No Flip  $\{(1, 2, 6), (1, 7, 3), (1, 5, 4), (2, 3, 5), (2, 7, 4), (3, 6, 4), (5, 6, 7)\}$



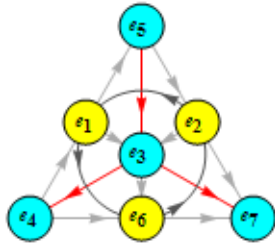
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	4	-3	-7	-1	5
3	-7	-4	-1	2	-6	5	1
4	5	3	-2	-1	-1	7	-6
5	-4	7	6	1	-1	-3	-2
6	-2	1	-5	-7	3	-1	4
7	3	-5	-1	6	2	-4	-1



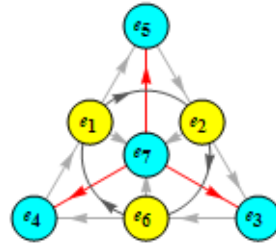
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	5	-7	-3	1	4
3	7	-5	-1	-6	2	4	-1
4	5	7	6	-1	-1	-3	-2
5	-4	3	-2	1	-1	7	-6
6	2	-1	-4	3	-7	-1	5
7	-3	-4	1	2	6	-5	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



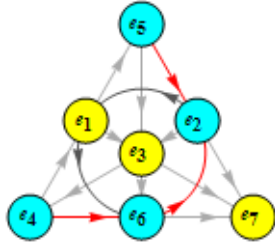
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	-1	4	-3	-7	-1	5
3	-7	-4	1	2	6	5	1
4	5	3	2	1	1	7	6
5	-4	7	6	1	-1	-3	2
6	-2	1	-5	-7	3	-1	4
7	3	-5	1	6	-2	-4	1



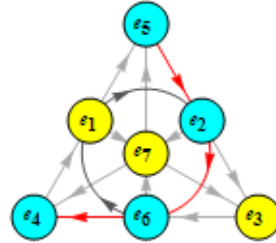
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	-1	5	-7	-3	1	4
3	7	-5	1	6	-2	4	1
4	5	7	6	1	1	-3	2
5	-4	3	2	-1	1	7	6
6	2	-1	-4	3	-7	-1	5
7	-3	-4	1	2	6	-5	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



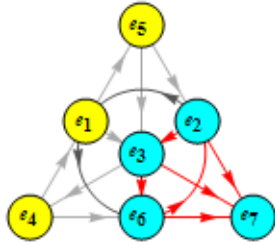
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	4	3	7	1	5
3	-7	-4	-1	2	-6	5	1
4	5	3	2	1	1	7	6
5	-4	7	6	1	-1	-3	2
6	-2	1	-5	-7	3	-1	4
7	3	-5	1	6	2	-4	1



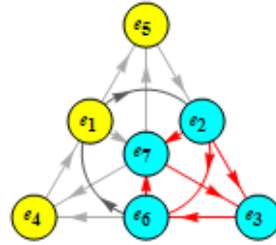
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	5	7	3	-1	4
3	7	-5	1	6	-2	4	1
4	5	7	6	1	1	-3	2
5	-4	3	2	-1	1	7	6
6	2	1	-4	3	-7	-1	5
7	-3	-4	1	2	6	-5	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



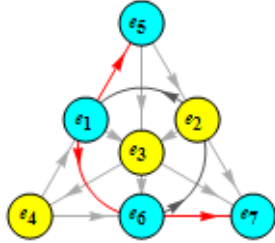
0→1	1	2	3	4	5	6	7
1	-1	-6	7	-5	4	2	-3
2	6	1	4	3	7	1	5
3	-7	4	1	2	-6	5	1
4	5	3	-2	-1	-1	7	-6
5	-4	7	6	1	-1	-3	-2
6	-2	1	-5	-7	3	1	4
7	3	5	1	6	2	4	1



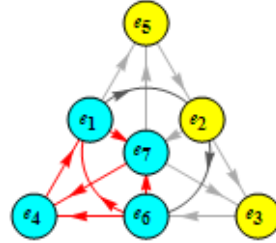
0→1	1	2	3	4	5	6	7
1	-1	6	-7	-5	4	-2	3
2	-6	1	5	7	3	-1	4
3	7	5	1	-6	2	-4	1
4	5	7	6	-1	-1	-3	-2
5	-4	3	-2	1	-1	7	-6
6	2	1	-4	3	-7	1	5
7	-3	4	-1	2	6	5	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



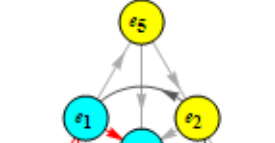
0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	-2	3
2	6	-1	4	-3	-7	-1	5
3	-7	-4	-1	2	-6	5	1
4	5	3	-2	-1	-1	7	-6
5	4	7	6	1	1	3	2
6	2	1	-5	-7	-3	1	4
7	-3	-5	-1	6	-2	4	1



0→1	1	2	3	4	5	6	7
1	1	6	-7	5	4	2	-3
2	-6	-1	5	-7	-3	1	4
3	7	-5	-1	-6	2	4	-1
4	-5	7	6	1	-1	3	2
5	-4	3	-2	1	-1	7	-6
6	-2	1	-4	-3	-7	1	5
7	3	-4	1	-2	6	5	1

Split=5(1, 3, 4, 6) Flipped

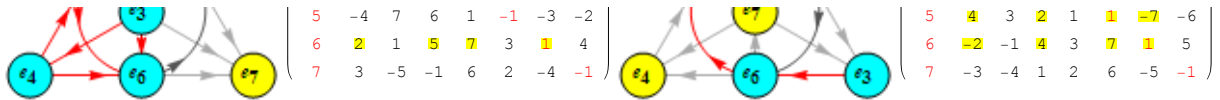
Split=5(1, 3, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	-3
2	6	-1	4	-3	-7	-1	5
3	7	-4	1	-2	-6	-5	1
4	-5	3	2	1	-1	-7	-6

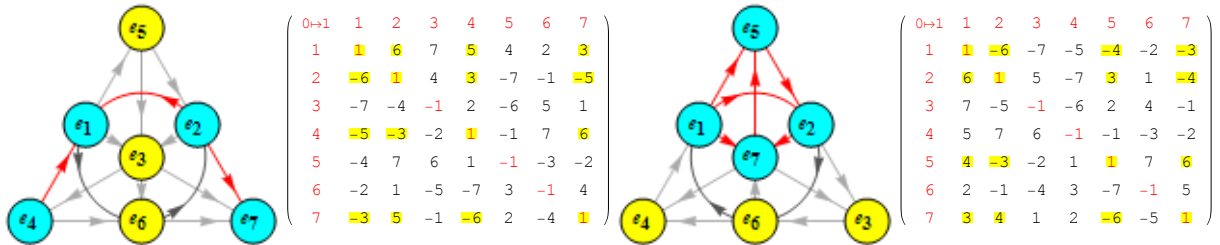


0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	-1	5	-7	-3	1	4
3	-7	-5	1	-6	-2	-4	-1
4	5	7	6	-1	-1	-3	-2



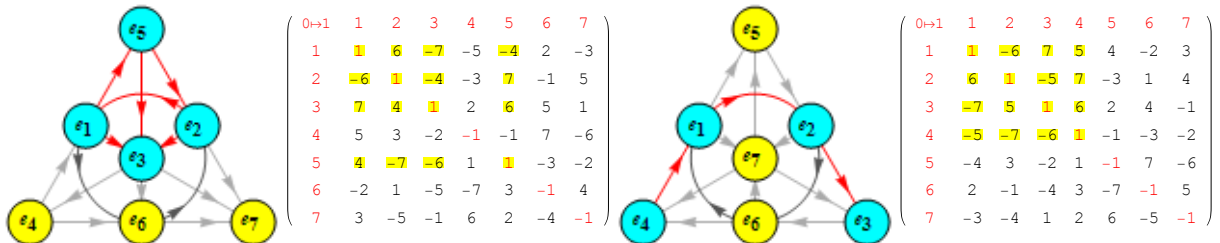
Split=6(1, 2, 4, 7) Flipped

Split=6(1, 2, 5, 7) Not Flipped



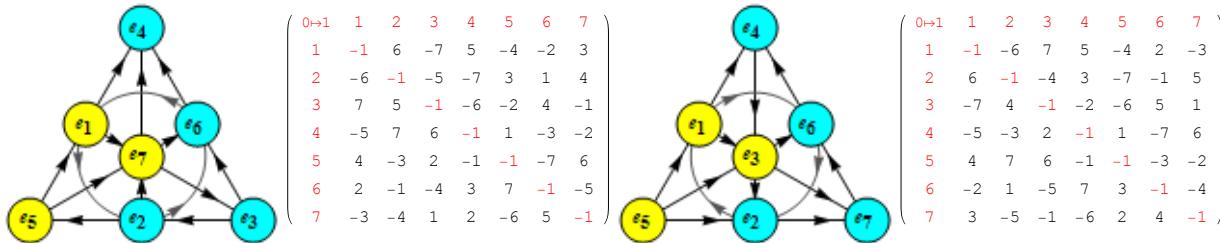
Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 4) Not Flipped



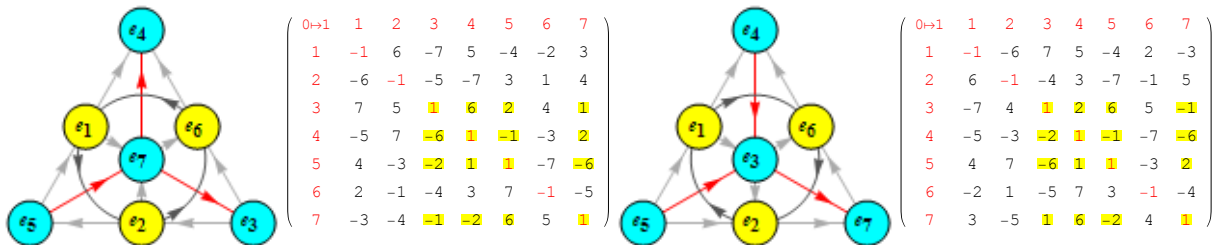
EM40 Flip {(1, 2, 6), (1, 7, 3), (1, 4, 5), (2, 5, 3), (2, 7, 4), (3, 6, 4), (5, 7, 6)}

No Flip {(1, 6, 2), (1, 3, 7), (1, 4, 5), (2, 4, 3), (2, 7, 5), (3, 6, 5), (4, 7, 6)}



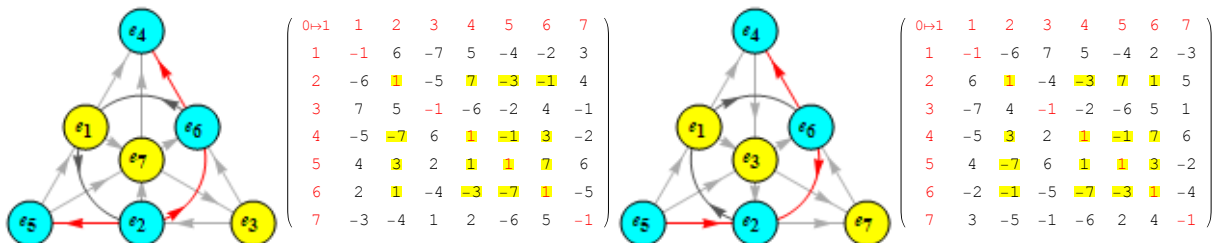
Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



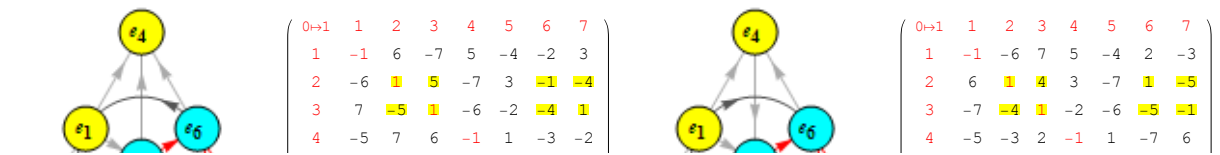
Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



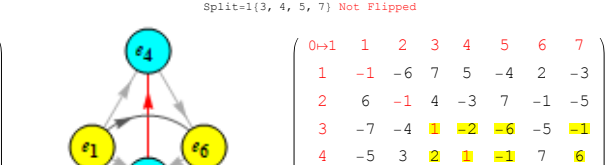
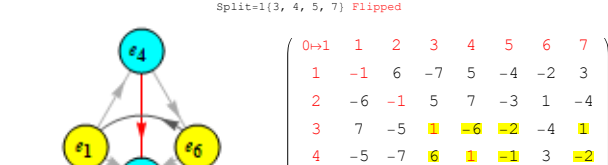
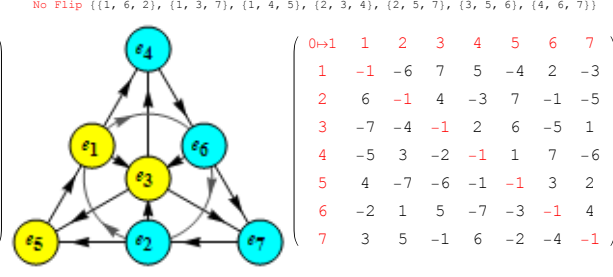
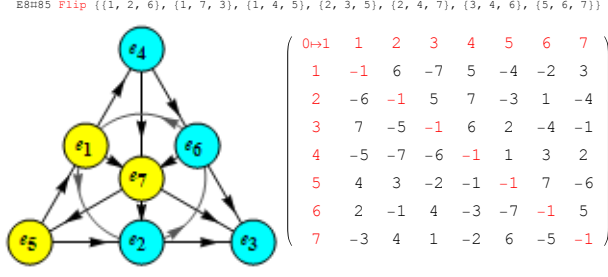
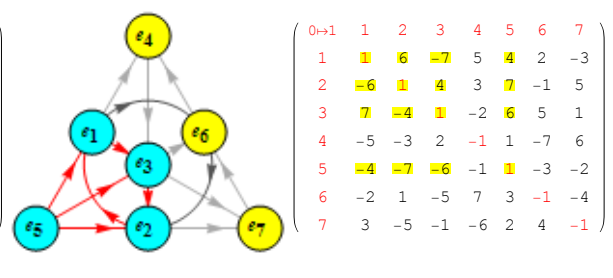
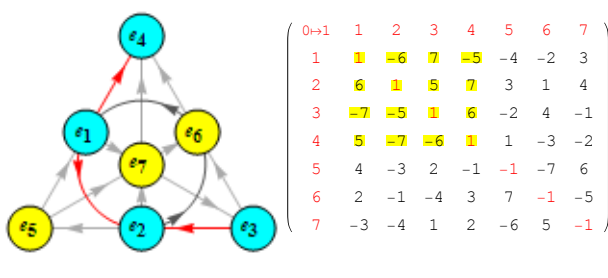
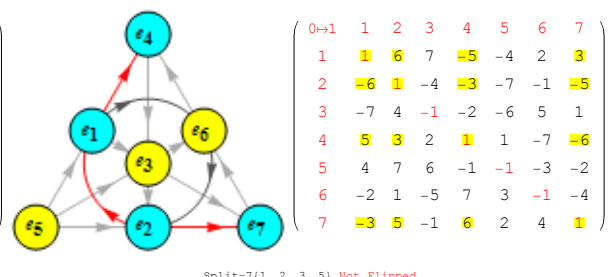
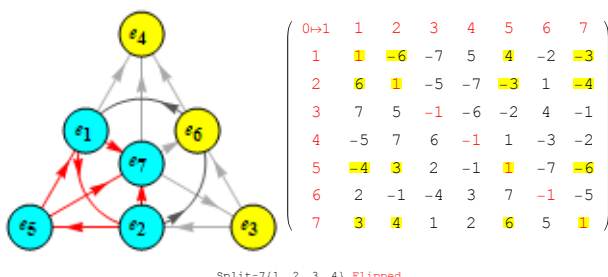
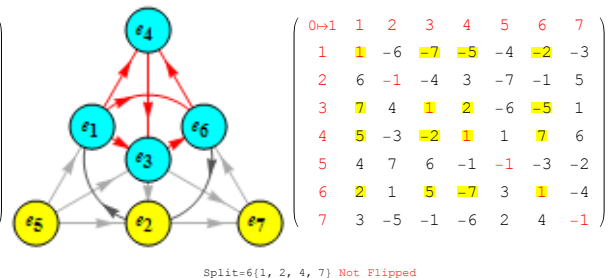
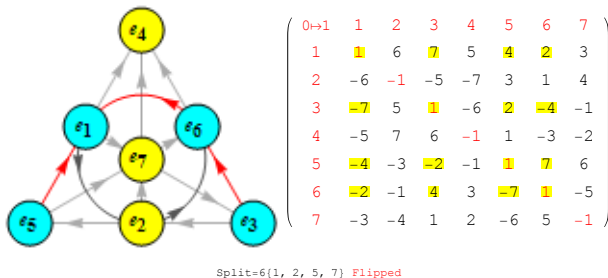
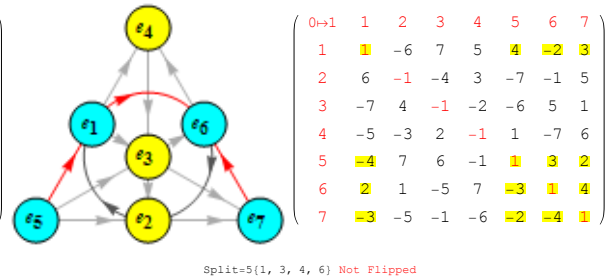
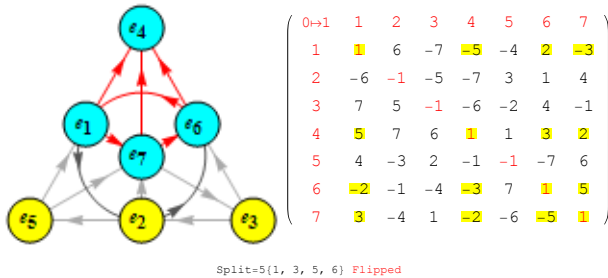
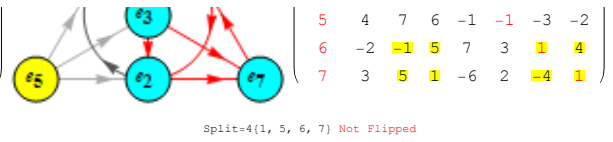
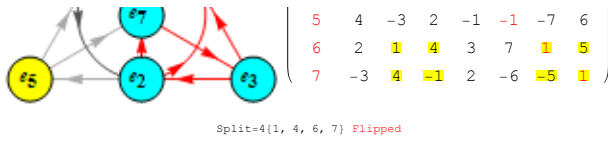
Split=3(2, 3, 6, 7) Flipped

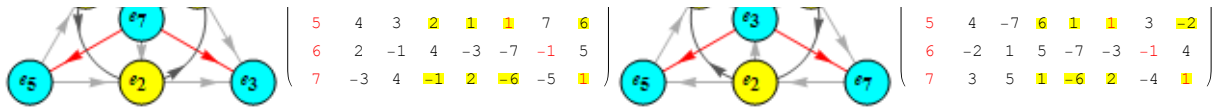
Split=3(2, 3, 6, 7) Not Flipped



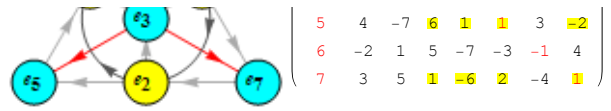
Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped

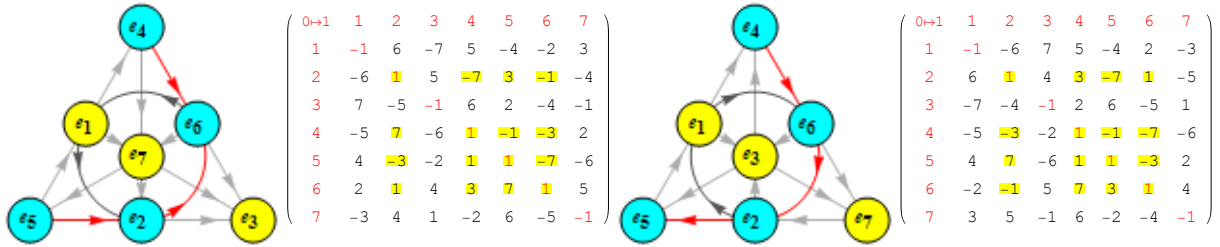




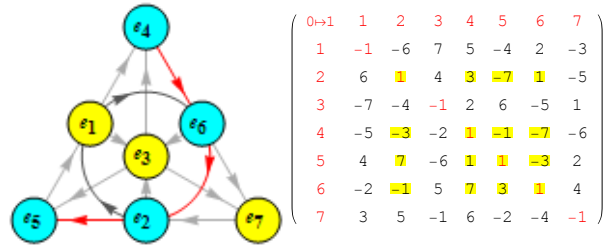
Split=2(2, 4, 5, 6) Flipped



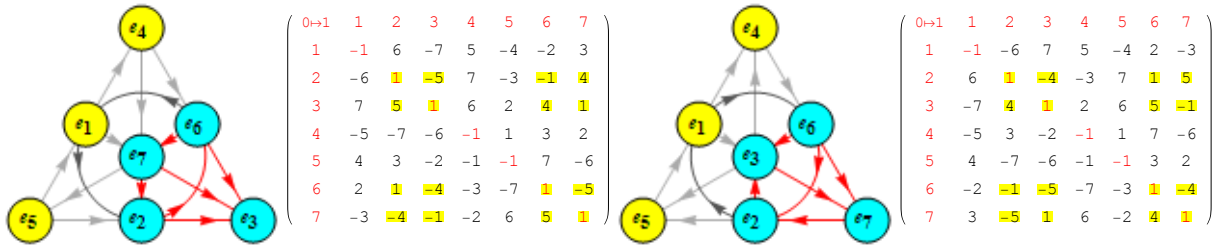
Split=2(2, 4, 5, 6) Not Flipped



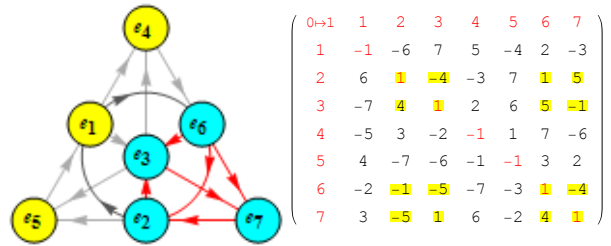
Split=3(2, 3, 6, 7) Flipped



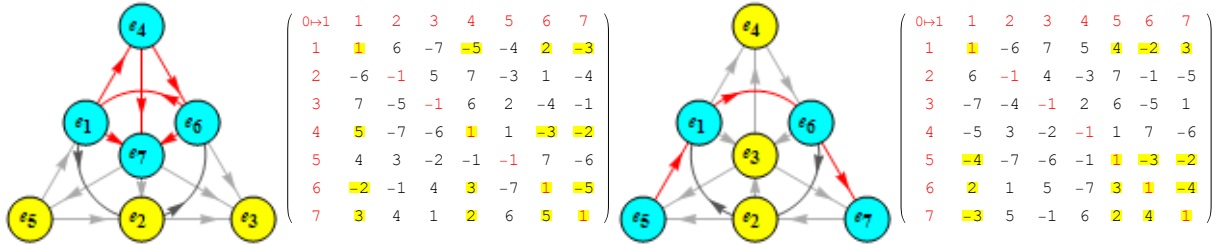
Split=3(2, 3, 6, 7) Not Flipped



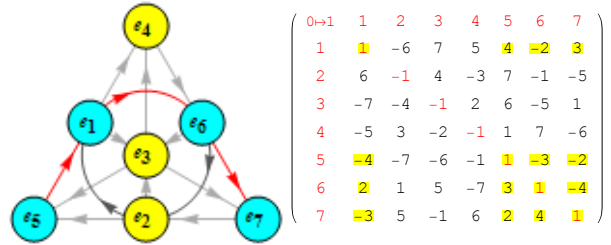
Split=4(1, 4, 6, 7) Flipped



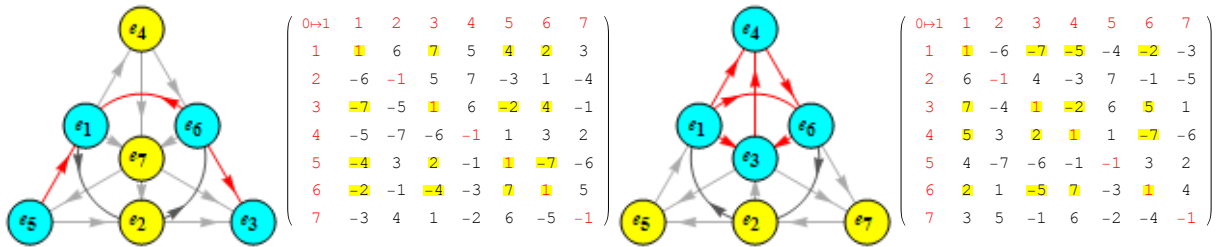
Split=4(1, 5, 6, 7) Not Flipped



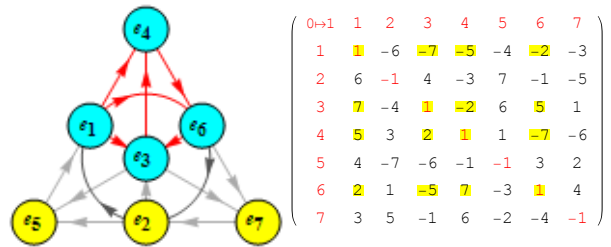
Split=5(1, 3, 5, 6) Flipped



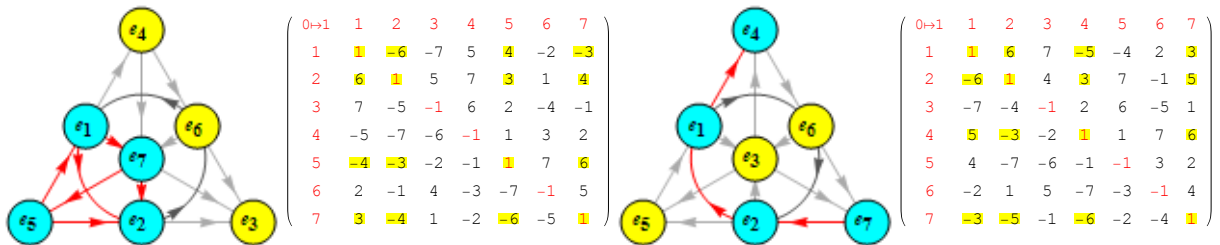
Split=5(1, 3, 4, 6) Not Flipped



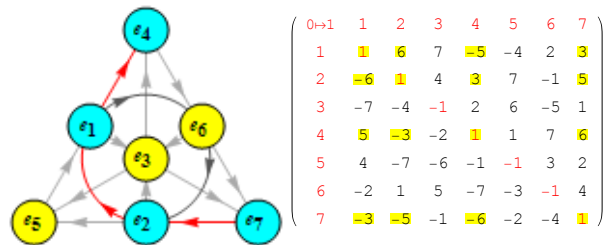
Split=6(1, 2, 5, 7) Flipped



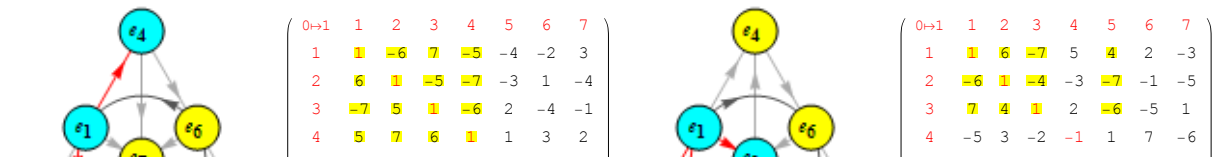
Split=6(1, 2, 4, 7) Not Flipped



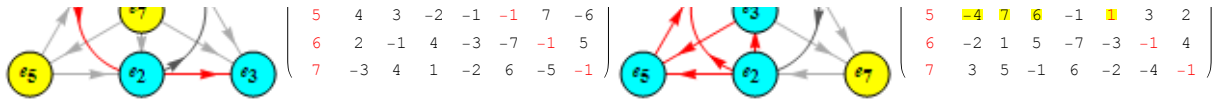
Split=7(1, 2, 3, 4) Flipped



Split=7(1, 2, 3, 5) Not Flipped

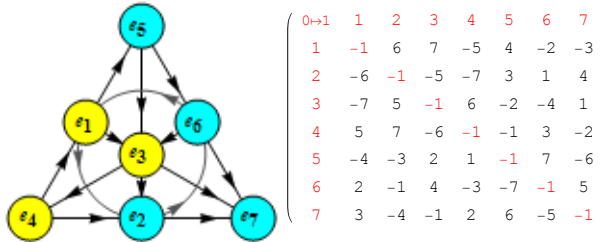






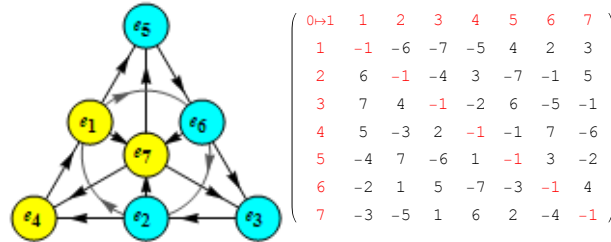
EBH88 Flip  $\{(1, 2, 6), (1, 3, 7), (1, 5, 4), (2, 5, 3), (2, 7, 4), (3, 4, 6), (5, 6, 7)\}$

No Flip  $\{(1, 6, 2), (1, 7, 3), (1, 5, 4), (2, 4, 3), (2, 7, 5), (3, 5, 6), (4, 6, 7)\}$



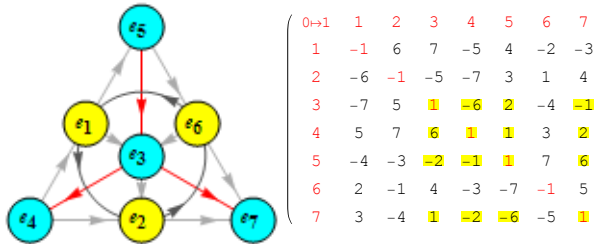
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	-6	-1	-1	3	-2
5	-4	-3	2	1	-1	7	-6
6	2	-1	4	-3	-7	-1	5
7	3	-4	-1	2	6	-5	-1



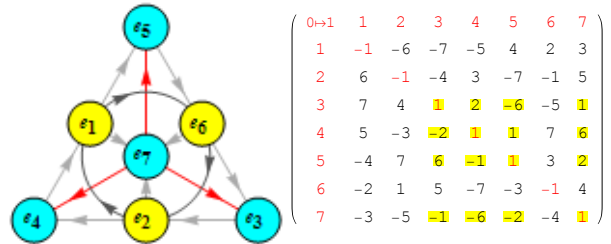
Split=1(3, 4, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-4	3	-7	-1	5
3	7	4	-1	-2	6	-5	-1
4	5	-3	2	-1	-1	7	-6
5	-4	7	-6	1	-1	3	-2
6	-2	1	5	-7	-3	-1	4
7	-3	-5	1	6	2	-4	-1



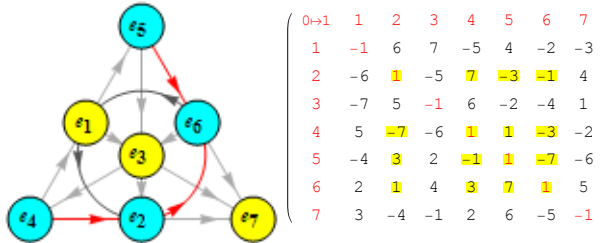
Split=2(2, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	6	1	1	3	2
5	-4	-3	-2	-1	1	7	6
6	2	-1	4	-3	-7	-1	5
7	3	-4	-1	2	6	-5	-1



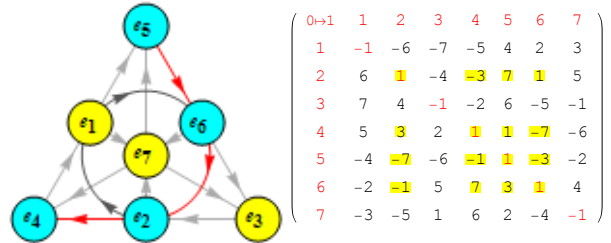
Split=2(2, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-4	3	-7	-1	5
3	7	4	-1	2	-6	-5	1
4	5	-3	-2	1	1	7	6
5	-4	7	6	-1	1	3	2
6	-2	1	5	-7	-3	-1	4
7	-3	-5	-1	-6	-2	-4	1



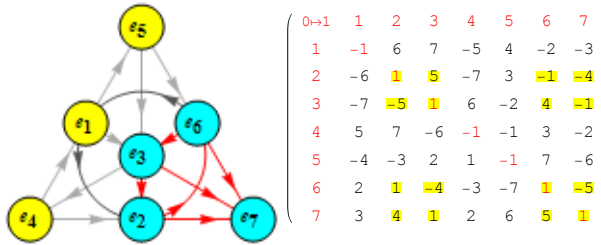
Split=3(2, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	-6	1	1	-3	-2
5	-4	-3	2	1	-1	7	-6
6	2	-1	4	3	7	1	5
7	3	-4	-1	2	6	-5	-1



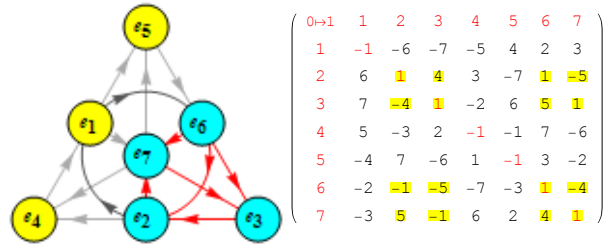
Split=3(2, 3, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-4	-3	7	1	5
3	7	4	-1	-2	6	-5	-1
4	5	3	2	1	1	-7	-6
5	-4	-7	-6	-1	1	-3	-2
6	-2	-1	5	7	3	1	4
7	-3	-5	1	6	2	-4	-1



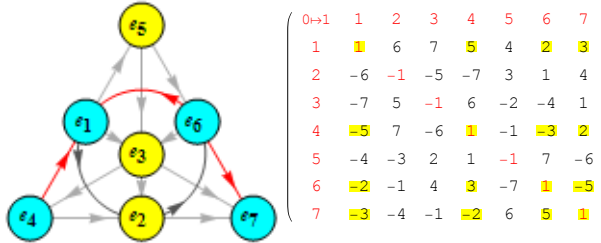
Split=4(1, 4, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	-6	-1	-1	3	-2
5	-4	-3	2	1	-1	7	-6
6	2	-1	4	3	7	1	5
7	3	-4	-1	2	6	-5	-1



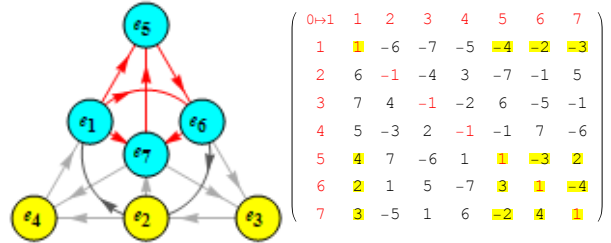
Split=4(1, 5, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-4	3	-7	1	5
3	7	-4	-1	-2	6	5	1
4	5	-3	2	-1	-1	7	-6
5	-4	7	-6	1	-1	3	-2
6	-2	-1	5	-7	-3	1	4
7	-3	5	-1	6	2	4	1



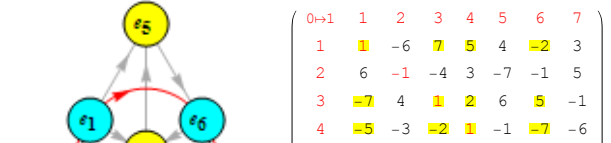
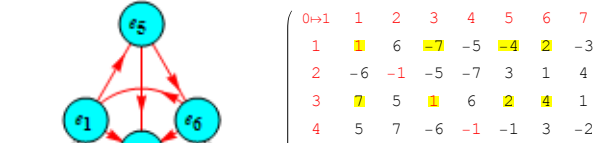
Split=5(1, 3, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	-6	1	-1	-3	2
5	-4	-3	2	1	-1	7	-6
6	2	-1	4	3	-7	1	5
7	3	-4	-1	2	6	-5	-1



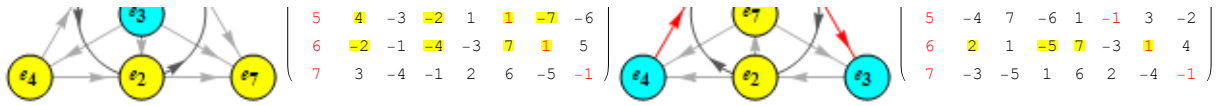
Split=5(1, 3, 4, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	-2	-3
2	6	-1	-4	3	-7	-1	5
3	7	4	-1	-2	6	-5	-1
4	5	-3	2	-1	-1	7	-6
5	-4	7	-6	1	1	-3	2
6	2	1	5	-7	3	1	4
7	3	-5	1	6	-2	4	1

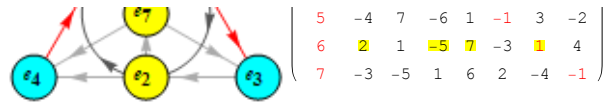


0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-5	-7	3	1	4
3	-7	5	-1	6	-2	-4	1
4	5	7	-6	-1	-1	3	-2

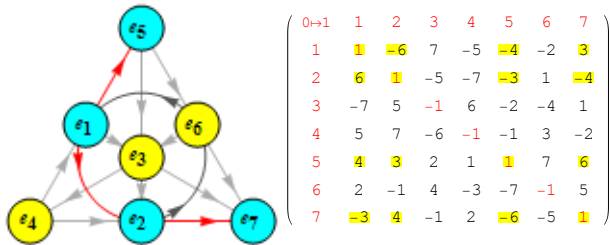
0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	4	-2	3
2	6	-1	-4	3	-7	-1	5
3	-7	4	1	2	6	5	-1
4	5	-3	-2	1	-1	-7	-6



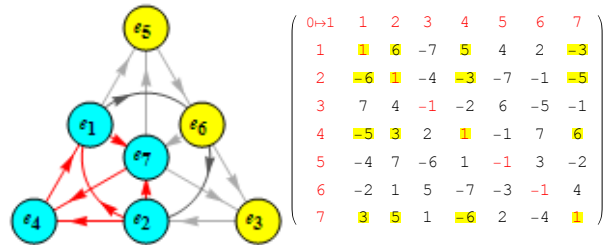
Split=6(1, 2, 5, 7) Flipped



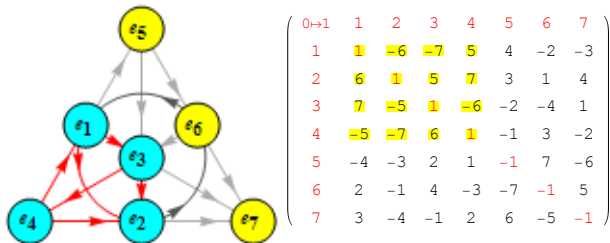
Split=6(1, 2, 4, 7) Not Flipped



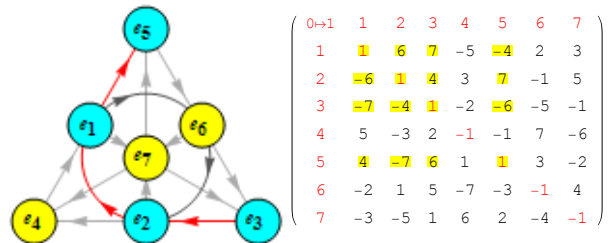
Split=7(1, 2, 3, 4) Flipped



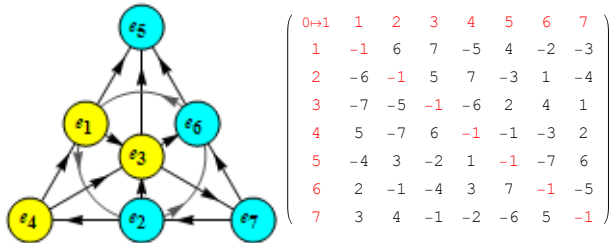
Split=7(1, 2, 3, 5) Not Flipped



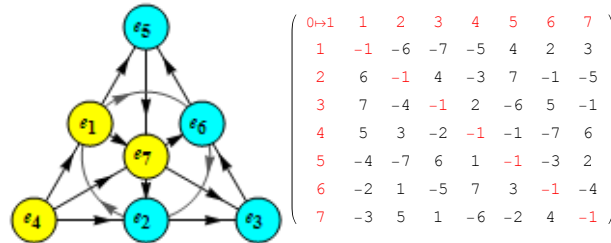
ESM208 Flip ((1, 2, 6), (1, 3, 7), (1, 5, 4), (2, 3, 5), (2, 4, 7), (3, 6, 4), (5, 7, 6))



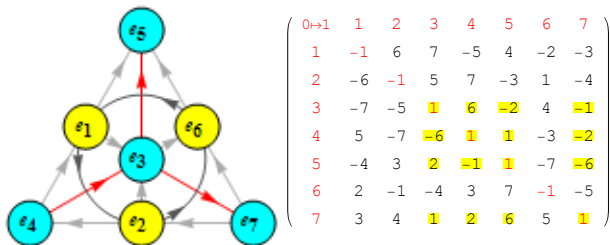
No Flip ((1, 6, 2), (1, 7, 3), (1, 5, 4), (2, 3, 4), (2, 5, 7), (3, 6, 5), (4, 7, 6))



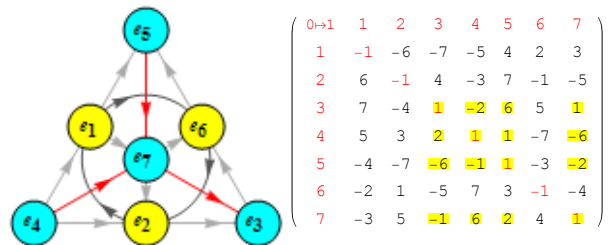
Split=1(3, 4, 5, 7) Flipped



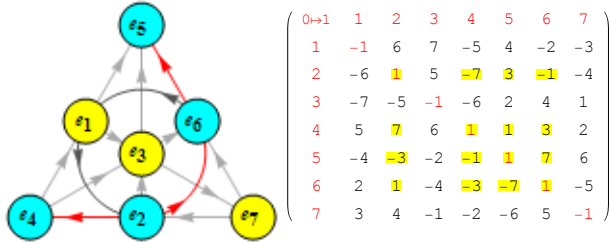
Split=1(3, 4, 5, 7) Not Flipped



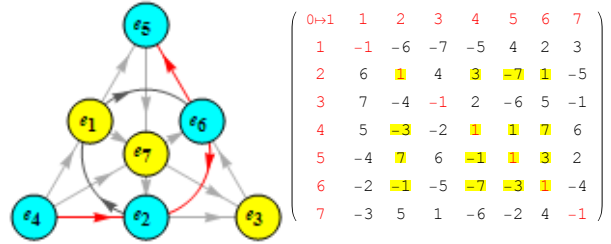
Split=2(2, 4, 5, 6) Flipped



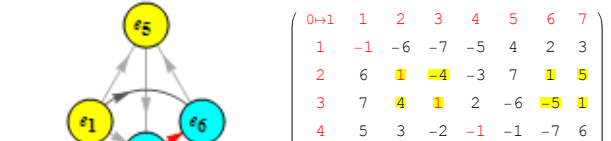
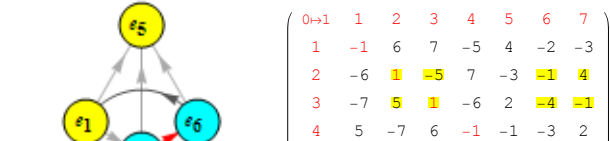
Split=2(2, 4, 5, 6) Not Flipped

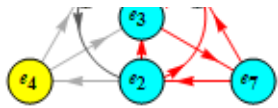


Split=3(2, 3, 6, 7) Flipped



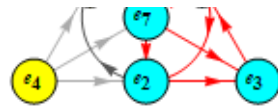
Split=3(2, 3, 6, 7) Not Flipped





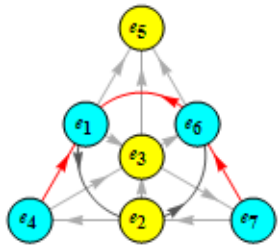
5	-4	3	-2	1	-1	-7	6
6	2	1	4	3	7	1	5
7	3	-4	1	-2	-6	-5	1

Split=4(1, 4, 6, 7) Flipped



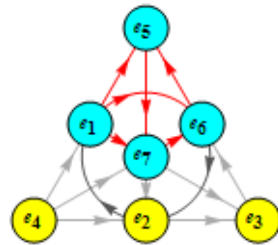
5	-4	-7	6	1	-1	-3	2
6	-2	-1	5	7	3	1	4
7	-3	-5	-1	-6	-2	-4	1

Split=4(1, 5, 6, 7) Not Flipped



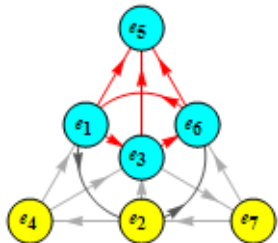
0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	-1	5	7	-3	1	-4
3	-7	-5	-1	-6	2	4	1
4	-5	-7	6	1	-1	3	-2
5	-4	3	-2	1	-1	-7	6
6	-2	-1	-4	-3	7	1	5
7	-3	4	-1	2	-6	-5	1

Split=5(1, 3, 5, 6) Flipped



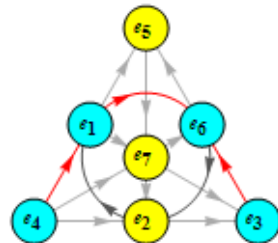
0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	-1	4	-3	7	-1	-5
3	7	-4	-1	2	-6	5	-1
4	5	3	-2	-1	-1	-7	6
5	4	-7	6	1	1	3	-2
6	2	1	-5	7	-3	1	4
7	3	5	1	-6	2	-4	1

Split=5(1, 3, 4, 6) Not Flipped



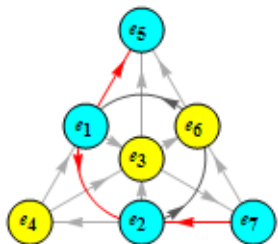
0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	-1	5	7	-3	1	-4
3	7	-5	1	-6	-2	-4	1
4	5	-7	6	-1	-1	-3	2
5	4	3	2	1	1	7	6
6	-2	-1	4	3	-7	1	-5
7	3	4	-1	-2	-6	5	-1

Split=6(1, 2, 5, 7) Flipped



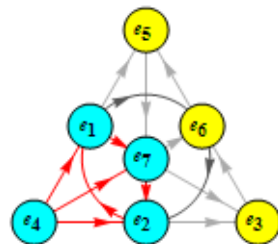
0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	-1	4	-3	7	-1	-5
3	-7	-4	1	-2	-6	-5	-1
4	-5	3	2	1	-1	7	6
5	-4	-7	6	1	-1	-3	2
6	2	1	5	-7	3	1	-4
7	-3	5	1	-6	-2	4	-1

Split=6(1, 2, 4, 7) Not Flipped



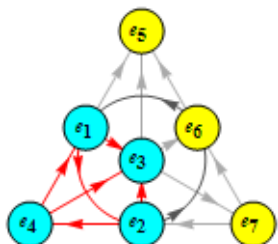
0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	2	3
2	6	1	5	7	3	1	4
3	-7	-5	-1	-6	2	4	1
4	5	-7	6	-1	-1	-3	2
5	4	-3	-2	1	1	-7	-6
6	2	-1	-4	3	7	-1	-5
7	-3	-4	-1	-2	6	5	1

Split=7(1, 2, 3, 4) Flipped



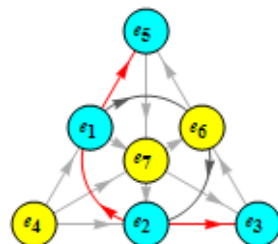
0→1	1	2	3	4	5	6	7
1	1	6	-7	5	4	2	-3
2	-6	1	4	3	7	-1	5
3	7	-4	-1	2	-6	5	-1
4	-5	-3	-2	1	-1	-7	-6
5	-4	-7	6	1	-1	-3	2
6	-2	1	-5	7	3	-1	-4
7	3	-5	1	6	-2	4	1

Split=7(1, 2, 3, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-6	-7	5	4	-2	-3
2	6	1	-5	-7	-3	1	-4
3	7	5	1	6	2	4	1
4	-5	7	-6	1	-1	-3	2
5	-4	3	-2	1	-1	-7	6
6	2	-1	-4	3	7	-1	-5
7	3	4	-1	-2	-6	5	-1

Split=7(1, 2, 3, 4) Flipped

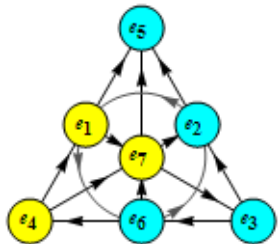


0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	1	-4	-3	-7	-1	-5
3	-7	4	1	2	6	5	-1
4	5	3	-2	-1	-1	-7	6
5	4	7	-6	1	1	-3	2
6	-2	1	-5	7	3	-1	-4
7	-3	5	1	-6	-2	4	-1

Split=7(1, 2, 3, 5) Not Flipped

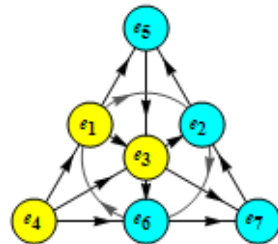
E8H173 Flip {(1, 6, 2), (1, 7, 3), (1, 5, 4), (2, 5, 3), (2, 4, 7), (3, 6, 4), (5, 6, 7)}

No Flip {(1, 2, 6), (1, 3, 7), (1, 5, 4), (2, 4, 3), (2, 5, 7), (3, 6, 5), (4, 6, 7)}



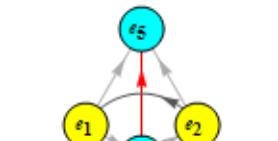
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-5	7	3	-1	-4
3	7	5	-1	-6	-2	4	-1
4	5	-7	6	-1	-1	-3	2
5	-4	-3	2	1	-1	7	-6
6	-2	1	-4	3	-7	-1	5
7	-3	4	1	-2	6	-5	-1

Split=1(3, 4, 5, 7) Flipped

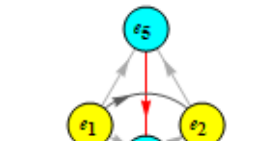


0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-4	3	7	1	-5
3	-7	4	-1	-2	-6	5	1
4	5	-3	2	-1	-1	7	-6
5	-4	-7	6	1	-1	-3	2
6	2	-1	-5	-7	3	-1	4
7	3	5	-1	6	-2	-4	-1

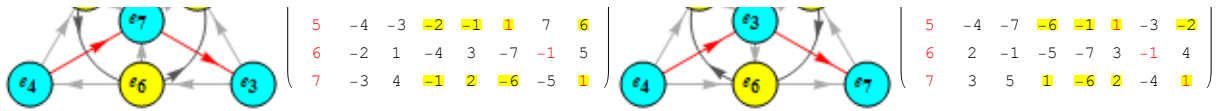
Split=1(3, 4, 5, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	-1	-5	7	3	-1	-4
3	7	5	1	6	2	4	1
4	5	-7	-6	1	1	-3	-2

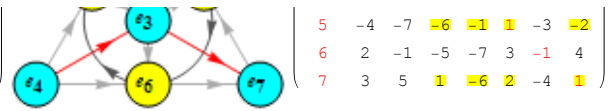


0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	-1	-4	3	7	1	-5
3	-7	4	1	2	6	5	-1
4	5	-3	-2	1	1	7	6



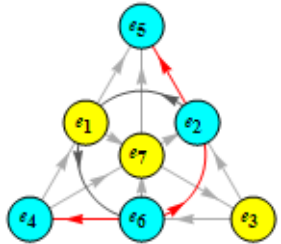
5	-4	-3	<b>-2</b>	<b>-1</b>	<b>1</b>	7	<b>6</b>
6	-2	1	-4	3	-7	<b>-1</b>	5
7	-3	4	<b>-1</b>	<b>2</b>	<b>-6</b>	-5	<b>1</b>

Split=2(2, 4, 5, 6) Flipped



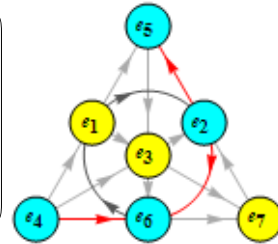
5	-4	-7	<b>-6</b>	<b>-1</b>	<b>1</b>	-3	<b>-2</b>
6	2	-1	-5	-7	3	<b>-1</b>	4
7	3	5	<b>1</b>	<b>-6</b>	<b>2</b>	-4	<b>1</b>

Split=2(2, 4, 5, 6) Not Flipped



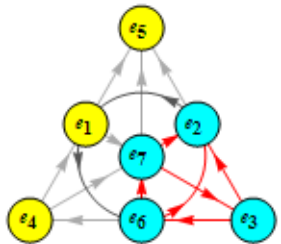
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	<b>1</b>	-5	<b>-7</b>	<b>-3</b>	<b>1</b>	-4
3	7	5	-1	-6	-2	4	-1
4	5	<b>7</b>	6	<b>1</b>	<b>1</b>	<b>3</b>	2
5	-4	<b>3</b>	2	<b>-1</b>	<b>1</b>	<b>-7</b>	-6
6	-2	<b>-1</b>	-4	<b>-3</b>	<b>7</b>	<b>1</b>	5
7	-3	4	1	-2	6	-5	-1

Split=3(2, 3, 6, 7) Flipped



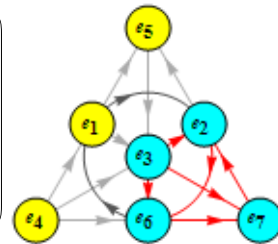
0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	<b>1</b>	-4	<b>-3</b>	<b>-7</b>	<b>-1</b>	-5
3	-7	4	-1	-2	-6	5	1
4	5	<b>3</b>	2	<b>1</b>	<b>1</b>	<b>-7</b>	-6
5	-4	<b>7</b>	6	<b>-1</b>	<b>1</b>	<b>3</b>	2
6	2	<b>1</b>	-5	<b>7</b>	<b>-3</b>	<b>1</b>	4
7	3	5	-1	6	-2	-4	-1

Split=3(2, 3, 6, 7) Not Flipped



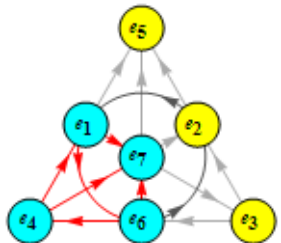
0→1	1	2	3	4	5	6	7
1	-1	-6	-7	-5	4	2	3
2	6	<b>1</b>	<b>5</b>	7	3	<b>1</b>	<b>4</b>
3	7	<b>-5</b>	<b>1</b>	-6	-2	<b>-4</b>	<b>1</b>
4	5	-7	6	-1	-1	-3	2
5	-4	-3	2	1	-1	7	-6
6	-2	<b>-1</b>	<b>4</b>	3	-7	<b>1</b>	<b>-5</b>
7	-3	<b>-4</b>	<b>-1</b>	-2	6	<b>5</b>	<b>1</b>

Split=4(1, 4, 6, 7) Flipped



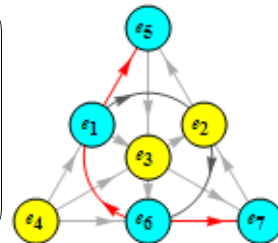
0→1	1	2	3	4	5	6	7
1	-1	6	7	-5	4	-2	-3
2	-6	<b>1</b>	<b>4</b>	3	7	<b>-1</b>	<b>5</b>
3	-7	<b>-4</b>	<b>1</b>	-2	-6	<b>-5</b>	<b>-1</b>
4	5	-3	2	-1	-1	7	-6
5	-4	-7	6	1	-1	-3	2
6	2	<b>1</b>	<b>5</b>	-7	3	<b>1</b>	<b>-4</b>
7	3	<b>-5</b>	<b>1</b>	6	-2	<b>4</b>	<b>1</b>

Split=4(1, 5, 6, 7) Not Flipped



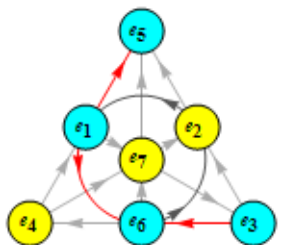
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-6	-7	<b>5</b>	4	<b>-2</b>	<b>-3</b>
2	6	-1	-5	7	3	-1	-4
3	7	5	-1	-6	-2	4	-1
4	<b>-5</b>	-7	6	<b>1</b>	-1	<b>3</b>	<b>-2</b>
5	-4	-3	2	1	-1	7	-6
6	<b>2</b>	1	-4	<b>-3</b>	-7	<b>1</b>	<b>-5</b>
7	<b>3</b>	4	1	<b>2</b>	6	<b>5</b>	<b>1</b>

Split=5(1, 3, 5, 6) Flipped



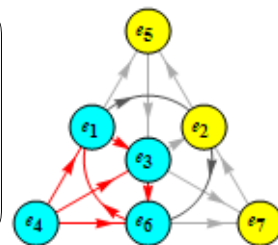
0→1	1	2	3	4	5	6	7
1	<b>1</b>	6	7	-5	<b>-4</b>	<b>2</b>	<b>3</b>
2	-6	-1	-4	3	7	1	-5
3	-7	4	-1	-2	-6	5	1
4	5	-3	2	-1	-1	7	-6
5	<b>4</b>	-7	6	1	<b>1</b>	<b>3</b>	<b>-2</b>
6	<b>-2</b>	-1	-5	-7	<b>-3</b>	<b>1</b>	<b>-4</b>
7	<b>-3</b>	5	-1	6	<b>2</b>	<b>4</b>	<b>1</b>

Split=5(1, 3, 4, 6) Not Flipped



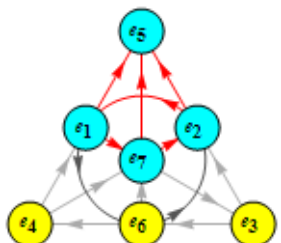
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-6	<b>7</b>	-5	<b>-4</b>	<b>2</b>	<b>3</b>
2	6	-1	-5	7	3	-1	-4
3	<b>-7</b>	5	<b>1</b>	-6	<b>2</b>	<b>-4</b>	-1
4	5	-7	6	-1	-1	-3	2
5	<b>4</b>	-3	<b>-2</b>	1	<b>1</b>	<b>-7</b>	-6
6	<b>2</b>	1	<b>4</b>	3	<b>7</b>	<b>1</b>	5
7	-3	4	1	-2	6	-5	-1

Split=6(1, 2, 5, 7) Flipped



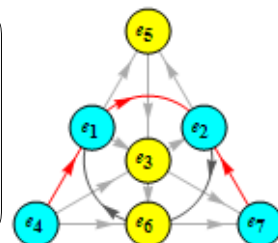
0→1	1	2	3	4	5	6	7
1	<b>1</b>	6	<b>-7</b>	<b>5</b>	4	<b>2</b>	-3
2	-6	-1	-4	3	7	1	-5
3	<b>7</b>	4	<b>1</b>	2	-6	<b>-5</b>	1
4	<b>-5</b>	-3	<b>-2</b>	<b>1</b>	-1	<b>-7</b>	-6
5	-4	-7	6	1	-1	-3	2
6	<b>-2</b>	-1	<b>5</b>	<b>7</b>	3	<b>1</b>	4
7	3	5	-1	6	-2	-4	-1

Split=6(1, 2, 4, 7) Not Flipped



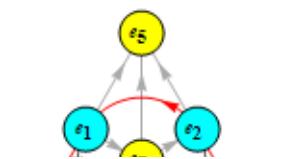
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>6</b>	-7	-5	<b>-4</b>	2	<b>-3</b>
2	<b>-6</b>	<b>1</b>	-5	7	<b>-3</b>	-1	<b>4</b>
3	7	5	-1	-6	-2	4	-1
4	5	-7	6	-1	-1	-3	2
5	<b>4</b>	<b>3</b>	2	1	<b>1</b>	7	<b>6</b>
6	-2	1	-4	3	-7	-1	5
7	<b>3</b>	<b>-4</b>	1	-2	<b>-6</b>	-5	<b>1</b>

Split=7(1, 2, 3, 4) Flipped

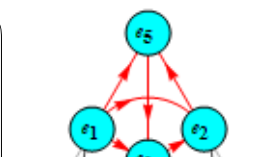


0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-6</b>	7	<b>5</b>	4	-2	<b>3</b>
2	<b>6</b>	<b>1</b>	-4	<b>-3</b>	7	1	<b>5</b>
3	-7	4	-1	-2	-6	5	1
4	<b>-5</b>	<b>3</b>	2	<b>1</b>	-1	7	<b>6</b>
5	-4	-7	6	1	-1	-3	2
6	2	-1	-5	-7	3	-1	4
7	<b>-3</b>	<b>-5</b>	-1	<b>-6</b>	-2	-4	<b>1</b>

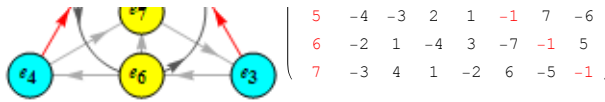
Split=7(1, 2, 3, 5) Not Flipped



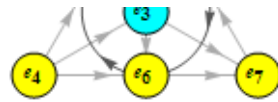
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>6</b>	<b>7</b>	<b>5</b>	4	2	3
2	<b>-6</b>	<b>1</b>	<b>5</b>	<b>-7</b>	3	-1	-4
3	<b>-7</b>	<b>-5</b>	<b>1</b>	<b>6</b>	-2	4	-1
4	<b>-5</b>	<b>7</b>	<b>-6</b>	<b>1</b>	-1	-3	2



0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-6</b>	<b>-7</b>	-5	<b>-4</b>	-2	-3
2	<b>6</b>	<b>1</b>	<b>4</b>	3	<b>-7</b>	1	-5
3	<b>7</b>	<b>-4</b>	<b>1</b>	-2	<b>6</b>	5	1
4	5	-3	2	-1	-1	7	-6



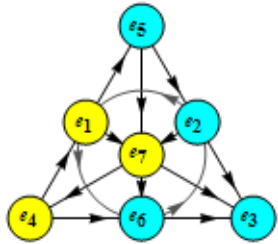
5	-4	-3	2	1	-1	7	-6
6	-2	1	-4	3	-7	-1	5
7	-3	4	1	-2	6	-5	-1



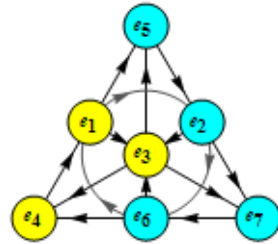
5	4	7	-6	1	1	-3	2
6	2	-1	-5	-7	3	-1	4
7	3	5	-1	6	-2	-4	-1

EM184 Flip  $\{(1, 6, 2), (1, 7, 3), (1, 5, 4), (2, 3, 5), (2, 7, 4), (3, 4, 6), (5, 7, 6)\}$

No Flip  $\{(1, 2, 6), (1, 3, 7), (1, 5, 4), (2, 3, 4), (2, 7, 5), (3, 5, 6), (4, 7, 6)\}$



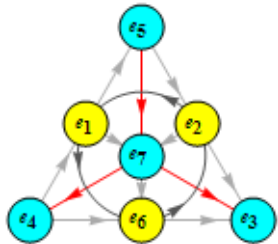
0	→	1	2	3	4	5	6	7
1		-1	-6	-7	-5	4	2	3
2		6	-1	5	-7	-3	-1	4
3		7	-5	-1	6	2	-4	-1
4		5	7	-6	-1	-1	3	-2
5		-4	3	-2	1	-1	-7	6
6		-2	1	4	-3	7	-1	-5
7		-3	-4	1	2	-6	5	-1



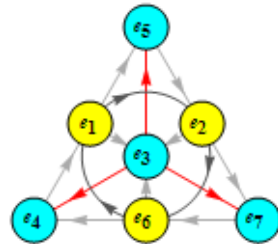
0	→	1	2	3	4	5	6	7
1		-1	6	7	-5	4	-2	-3
2		-6	-1	4	-3	-7	1	5
3		-7	-4	-1	2	6	-5	1
4		5	3	-2	-1	-1	-7	6
5		-4	7	-6	1	-1	3	-2
6		2	-1	5	7	-3	-1	-4
7		3	-5	-1	-6	2	4	-1

Split=1(3, 4, 5, 7) Flipped

Split=1(3, 4, 5, 7) Not Flipped



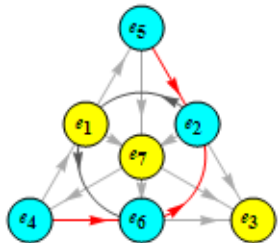
0	→	1	2	3	4	5	6	7
1		-1	-6	-7	-5	4	2	3
2		6	-1	5	-7	-3	-1	4
3		7	-5	1	-6	-2	-4	1
4		5	7	6	1	1	3	2
5		-4	3	2	-1	1	-7	-6
6		-2	1	4	-3	7	-1	-5
7		-3	-4	-1	2	-6	5	1



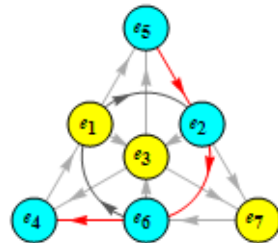
0	→	1	2	3	4	5	6	7
1		-1	6	7	-5	4	-2	-3
2		-6	-1	4	-3	-7	1	5
3		-7	-4	1	-2	-6	-5	-1
4		5	3	2	1	1	-7	-6
5		-4	7	6	-1	1	3	2
6		2	-1	5	7	-3	-1	-4
7		3	-5	-1	-6	2	4	1

Split=2(2, 4, 5, 6) Flipped

Split=2(2, 4, 5, 6) Not Flipped



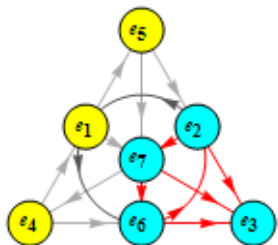
0	→	1	2	3	4	5	6	7
1		-1	-6	-7	-5	4	2	3
2		6	1	5	7	3	1	4
3		7	-5	-1	6	2	-4	-1
4		5	-7	-6	1	1	-3	-2
5		-4	-3	-2	-1	1	7	6
6		-2	-1	4	3	-7	1	-5
7		-3	-4	1	2	-6	5	-1



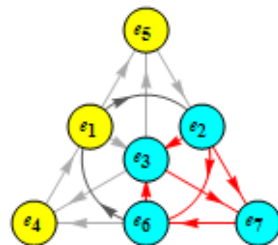
0	→	1	2	3	4	5	6	7
1		-1	6	7	-5	4	-2	-3
2		-6	1	4	3	7	-1	5
3		-7	-4	-1	2	6	-5	1
4		5	-3	-2	1	1	7	6
5		-4	-7	-6	-1	1	-3	-2
6		2	1	5	-7	3	1	-4
7		3	-5	-1	-6	2	4	-1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



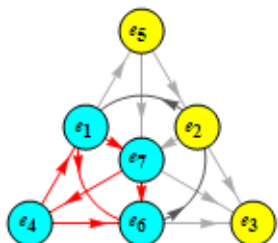
0	→	1	2	3	4	5	6	7
1		-1	-6	-7	-5	4	2	3
2		6	1	-5	-7	-3	1	-4
3		7	5	1	6	2	4	1
4		5	7	-6	-1	-1	3	-2
5		-4	3	-2	1	-1	-7	6
6		-2	-1	-4	-3	7	1	5
7		-3	4	-1	2	-6	-5	1



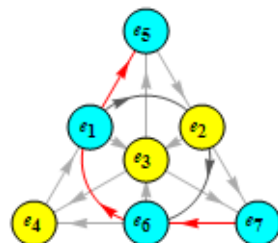
0	→	1	2	3	4	5	6	7
1		-1	6	7	-5	4	-2	-3
2		-6	1	-4	-3	-7	-1	-5
3		-7	4	1	2	6	5	-1
4		5	3	-2	-1	-1	-7	6
5		-4	7	-6	1	-1	3	-2
6		2	1	-5	7	-3	1	4
7		3	5	1	-6	2	-4	1

Split=4(1, 4, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



0	→	1	2	3	4	5	6	7
1		1	-6	7	5	4	-2	-3
2		6	-1	5	-7	-3	-1	4
3		7	-5	-1	6	2	-4	-1
4		-5	7	-6	1	-1	-3	2
5		-4	3	-2	1	-1	-7	6
6		2	1	4	3	7	1	5
7		3	-4	1	-2	-6	-5	1



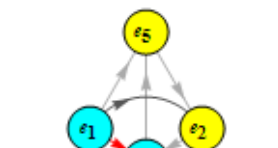
0	→	1	2	3	4	5	6	7
1		1	6	7	-5	-4	2	3
2		-6	-1	4	-3	-7	1	5
3		-7	-4	-1	2	6	-5	1
4		5	3	-2	-1	-1	-7	6
5		-4	7	-6	1	1	-3	2
6		-2	-1	5	7	3	1	4
7		-3	-5	-1	-6	-2	-4	1

Split=5(1, 3, 5, 6) Flipped

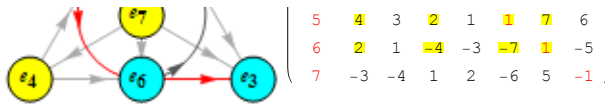
Split=5(1, 3, 4, 6) Not Flipped



0	→	1	2	3	4	5	6	7
1		1	-6	7	-5	-4	-2	3
2		6	-1	5	-7	-3	-1	4
3		-7	-5	1	6	-2	4	-1
4		5	7	-6	-1	-1	3	-2



0	→	1	2	3	4	5	6	7
1		1	6	-7	5	4	2	-3
2		-6	-1	4	-3	-7	1	5
3		-7	-4	1	-2	6	5	1
4		-5	3	2	1	-1	7	6



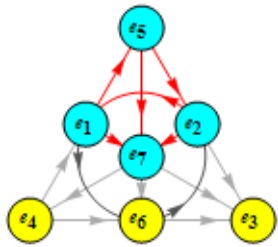
Split=6(1, 2, 5, 7) Flipped

5	4	3	2	1	7	6
6	2	1	-4	-3	-7	-5
7	-3	-4	1	2	-6	-1



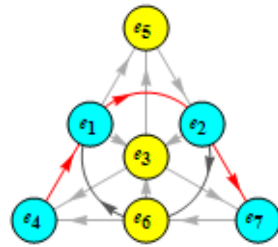
Split=6(1, 2, 4, 7) Not Flipped

5	-4	7	-6	1	-1	3	-2
6	-2	-1	-5	-7	-3	4	-4
7	3	-5	-1	-6	2	4	-1



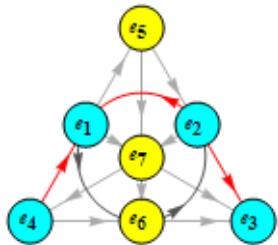
Split=7(1, 2, 3, 4) Flipped

0→1	1	2	3	4	5	6	7
1	6	-7	-5	-4	2	-3	
2	-6	5	-7	3	-1	-4	
3	7	-5	-1	6	2	-4	-1
4	5	7	-6	-1	-1	3	-2
5	4	-3	-2	1	7	-6	
6	-2	1	4	-3	7	-1	-5
7	3	4	1	2	6	5	



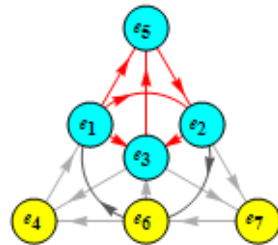
Split=7(1, 2, 3, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	6	7	5	4	-2	3	
2	6	4	3	-7	1	-5	
3	-7	-4	-1	2	6	-5	1
4	-5	-3	-2	1	-1	-7	-6
5	-4	7	-6	1	-1	3	-2
6	2	-1	5	7	-3	-1	-4
7	-3	5	-1	6	2	4	



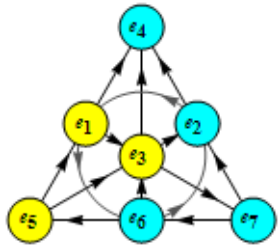
EBB38 Flip ((1, 6, 2), (1, 3, 7), (1, 4, 5), (2, 5, 3), (2, 4, 7), (3, 4, 6), (5, 7, 6))

0→1	1	2	3	4	5	6	7
1	6	7	5	4	2	3	
2	-6	5	-7	-3	-1	4	
3	-7	5	6	2	-4	-1	
4	-5	-7	6	1	-1	3	-2
5	-4	3	-2	1	-1	-7	6
6	-2	1	4	-3	7	-1	-5
7	-3	-4	1	2	-6	5	-1



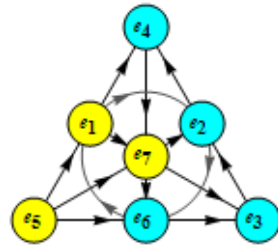
No Flip ((1, 2, 6), (1, 7, 3), (1, 4, 5), (2, 4, 3), (2, 5, 7), (3, 5, 6), (4, 7, 6))

0→1	1	2	3	4	5	6	7
1	6	-7	-5	-4	-2	-3	
2	6	-4	-3	7	1	5	
3	7	4	2	-6	-5	1	
4	5	3	-2	-1	-1	-7	6
5	4	-7	6	1	3	-2	
6	2	-1	5	7	-3	-1	-4
7	3	-5	-1	-6	2	4	-1



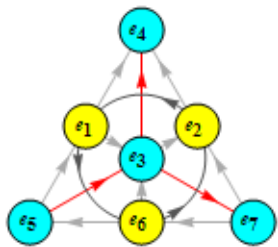
Split=1(3, 4, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	-1	-5	7	3	-1	-4
3	-7	5	-1	6	-2	-4	1
4	-5	-7	-6	-1	1	3	2
5	4	-3	2	-1	-1	-7	6
6	-2	1	4	-3	7	-1	-5
7	3	4	-1	-2	-6	5	-1



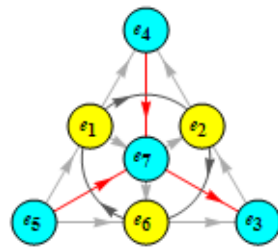
Split=1(3, 4, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	-1	-4	3	7	1	-5
3	7	4	-1	-2	6	-5	-1
4	-5	-3	2	-1	1	-7	6
5	4	-7	-6	-1	-1	3	2
6	2	-1	5	7	-3	-1	-4
7	-3	5	1	-6	-2	4	-1



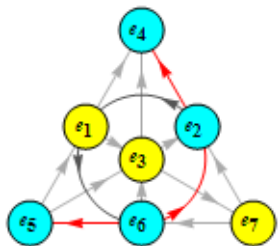
Split=2(2, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	-1	-5	7	3	-1	-4
3	-7	5	6	2	-4	-1	
4	-5	-7	6	1	-1	3	-2
5	4	-3	-2	1	7	-6	
6	-2	1	4	-3	7	-1	-5
7	3	4	1	2	6	5	



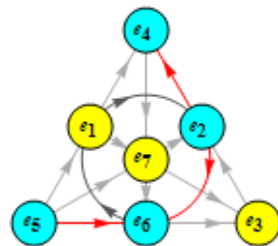
Split=2(2, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	-1	-4	3	7	1	-5
3	7	4	1	2	6	-5	1
4	-5	-3	-2	1	-1	-7	-6
5	4	-7	6	1	3	-2	
6	2	-1	5	7	-3	-1	-4
7	-3	5	-1	-6	2	4	



Split=3(2, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	5	-7	-3	1	-4	
3	-7	5	-1	6	-2	-4	1
4	-5	7	-6	1	-1	-3	2
5	4	3	2	1	7	6	
6	-2	-1	4	3	-7	1	-5
7	3	4	-1	-2	-6	5	-1



Split=3(2, 3, 6, 7) Not Flipped

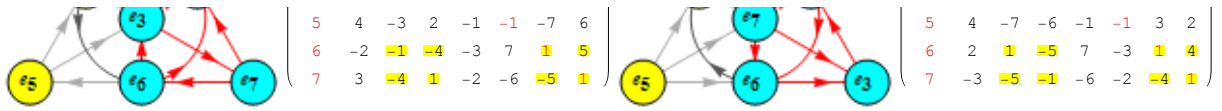
0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	4	-3	-7	-1	-5	
3	7	4	-1	-2	6	-5	-1
4	-5	3	2	1	-1	7	6
5	4	7	-6	1	3	-2	
6	2	1	5	-7	3	1	-4
7	-3	5	1	-6	-2	4	-1



0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	5	7	3	1	4	
3	-7	-5	6	-2	4	-1	
4	-5	-7	-6	-1	1	3	2

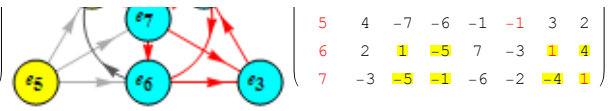


0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	4	3	7	-1	5	
3	7	-4	1	-2	6	5	1
4	-5	-3	2	-1	1	-7	6



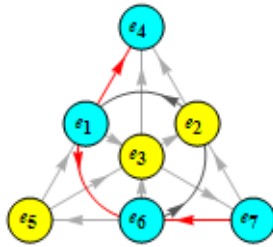
Split={1, 4, 6, 7} Flipped

5	4	-3	2	-1	-1	-7	6
6	-2	-1	-4	-3	7	1	5
7	3	-4	1	-2	-6	-5	1



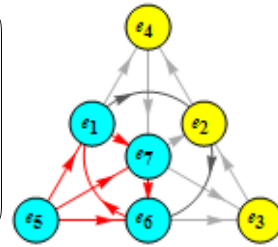
Split={1, 5, 6, 7} Not Flipped

5	4	-7	-6	-1	-1	3	2
6	2	1	-5	7	-3	1	4
7	-3	-5	-1	-6	-2	-4	1



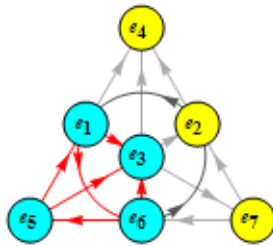
Split={1, 3, 5, 6} Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	7	-5	-4	-2	3
2	6	-1	-5	7	3	-1	-4
3	-7	5	-1	6	-2	-4	1
4	5	-7	-6	1	1	-3	-2
5	4	-3	2	-1	-1	-7	6
6	2	1	4	3	7	1	5
7	-3	4	-1	2	-6	-5	1



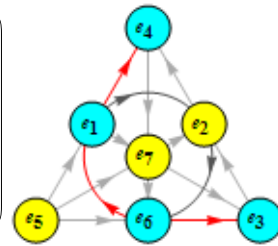
Split={1, 3, 4, 6} Not Flipped

0→1	1	2	3	4	5	6	7
1	1	6	-7	5	4	2	-3
2	-6	-1	-4	3	7	1	-5
3	7	4	-1	-2	6	-5	-1
4	-5	-3	2	-1	1	-7	6
5	-4	-7	-6	-1	1	-3	-2
6	-2	-1	5	7	3	1	4
7	3	5	1	-6	2	-4	1



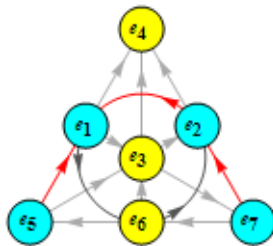
Split={1, 2, 5, 7} Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	-7	5	4	-2	-3
2	6	-1	-5	7	3	-1	-4
3	7	5	1	6	2	4	1
4	-5	-7	-6	-1	1	3	2
5	-4	-3	-2	-1	1	7	6
6	2	1	-4	-3	-7	1	-5
7	3	4	-1	-2	-6	5	-1



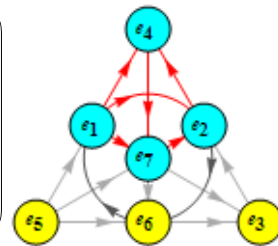
Split={1, 2, 4, 7} Not Flipped

0→1	1	2	3	4	5	6	7
1	1	6	7	-5	-4	2	3
2	-6	-1	-4	3	7	1	-5
3	-7	4	1	2	6	5	-1
4	5	-3	-2	1	1	7	6
5	4	-7	-6	-1	-1	3	2
6	-2	-1	-5	-7	-3	1	-4
7	-3	5	1	-6	-2	4	-1



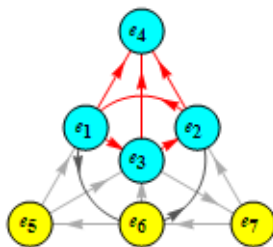
Split={1, 2, 3, 4} Flipped

0→1	1	2	3	4	5	6	7
1	1	6	7	5	4	2	3
2	-6	1	-5	7	-3	-1	4
3	-7	5	-1	6	-2	-4	1
4	-5	-7	-6	-1	1	3	2
5	-4	3	2	-1	1	-7	-6
6	-2	1	4	-3	7	-1	-5
7	-3	-4	-1	-2	6	5	1



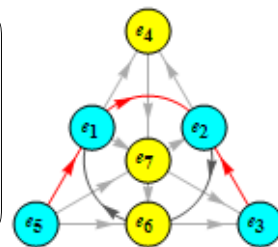
Split={1, 2, 3, 5} Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	-7	-5	-4	-2	-3
2	6	1	-4	-3	7	1	5
3	7	4	-1	-2	6	-5	-1
4	5	3	2	1	1	-7	-6
5	4	-7	-6	-1	-1	3	2
6	2	-1	5	7	-3	-1	-4
7	3	-5	1	6	-2	4	1



Split={1, 2, 3, 4} Flipped

0→1	1	2	3	4	5	6	7
1	1	6	-7	-5	-4	2	-3
2	-6	1	-5	7	-3	-1	4
3	7	-5	1	-6	-2	-4	1
4	5	7	6	1	1	3	2
5	4	-3	2	-1	-1	-7	6
6	-2	1	4	-3	7	-1	-5
7	3	4	-1	-2	-6	5	-1

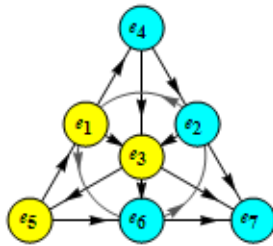


Split={1, 2, 3, 5} Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-6	7	5	4	-2	3
2	6	1	-4	3	-7	1	-5
3	-7	-4	1	-2	-6	-5	-1
4	-5	-3	2	-1	1	-7	6
5	-4	7	6	-1	1	3	2
6	2	-1	5	7	-3	-1	-4
7	-3	5	1	-6	-2	4	-1

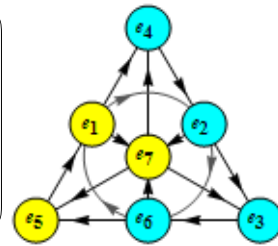
BB93 Flip {{1, 6, 2}, {1, 3, 7}, {1, 4, 5}, {2, 3, 5}, {2, 7, 4}, {3, 6, 4}, {5, 6, 7}}

No Flip {{1, 2, 6}, {1, 7, 3}, {1, 4, 5}, {2, 3, 4}, {2, 7, 5}, {3, 6, 5}, {4, 6, 7}}



Split={1, 3, 4, 5, 7} Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	-1	5	-7	-3	-1	4
3	-7	-5	-1	-6	2	4	1
4	-5	7	6	-1	1	-3	-2
5	4	3	-2	-1	-1	7	-6
6	-2	1	-4	3	-7	-1	5
7	3	-4	-1	2	6	-5	-1



Split={1, 3, 4, 5, 7} Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	-1	4	-3	-7	1	5
3	7	-4	-1	-2	-6	5	-1
4	-5	3	-2	-1	1	7	-6
5	4	7	6	-1	-1	-3	-2
6	2	-1	-5	-7	3	-1	4
7	-3	-5	1	6	2	-4	-1



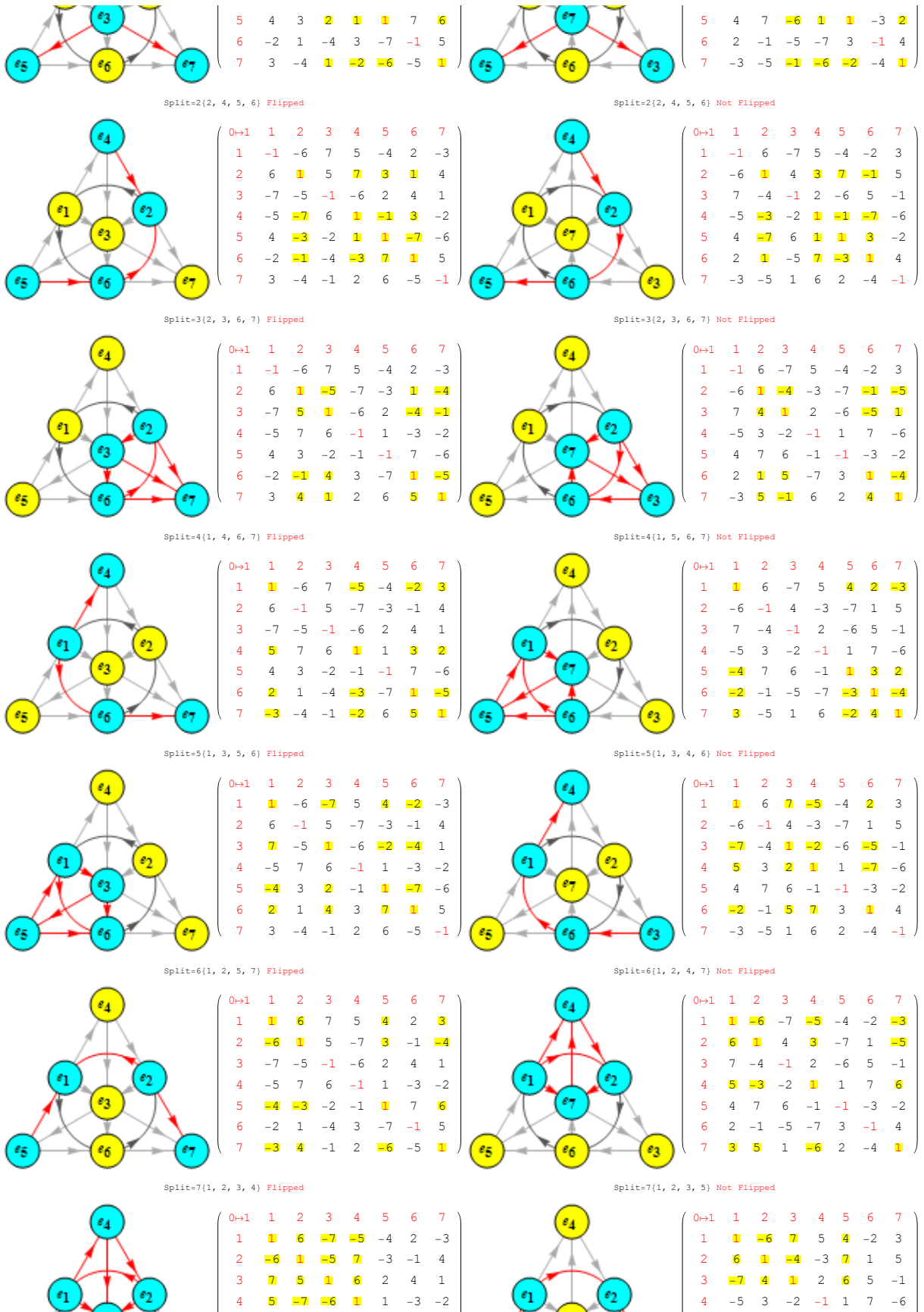
Split={1, 3, 4, 5, 7} Flipped

0→1	1	2	3	4	5	6	7
1	-1	-6	7	5	-4	2	-3
2	6	-1	5	-7	-3	-1	4
3	-7	-5	1	6	-2	4	1
4	-5	7	-6	1	-1	-3	2

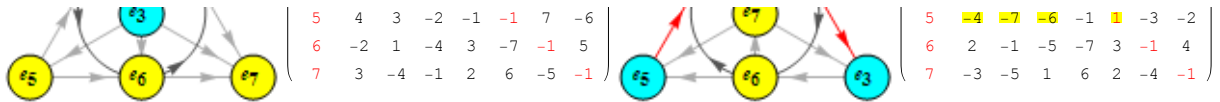


Split={1, 3, 4, 5, 7} Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	6	-7	5	-4	-2	3
2	-6	-1	4	-3	-7	1	5
3	7	-4	1	-2	6	5	1
4	-5	3	2	1	-1	7	6

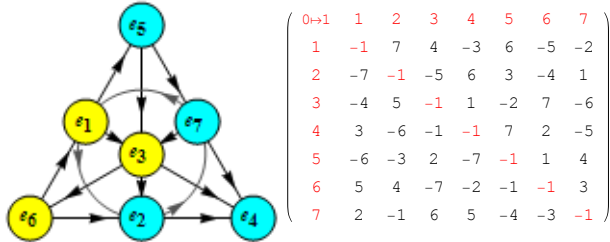




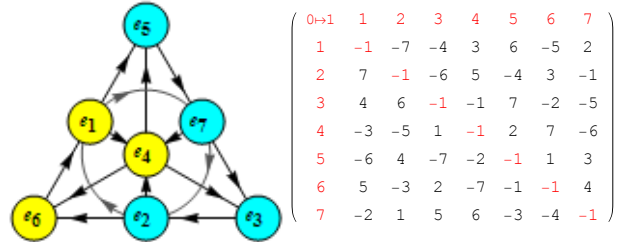


EB68 Flip  $\{(1, 2, 7), (1, 3, 4), (1, 5, 6), (2, 5, 3), (2, 4, 6), (3, 6, 7), (4, 5, 7)\}$

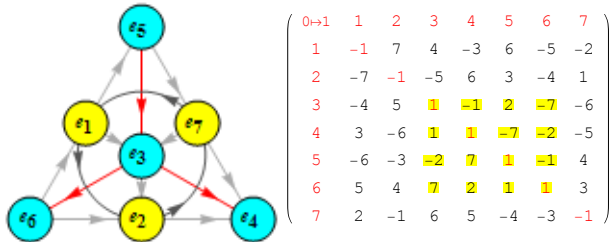
No Flip  $\{(1, 7, 2), (1, 4, 3), (1, 5, 6), (2, 6, 3), (2, 4, 5), (3, 5, 7), (4, 6, 7)\}$



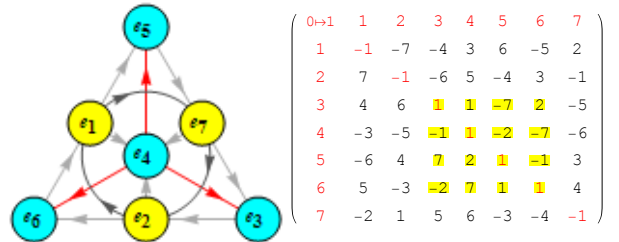
Split=1(3, 4, 5, 6) Flipped



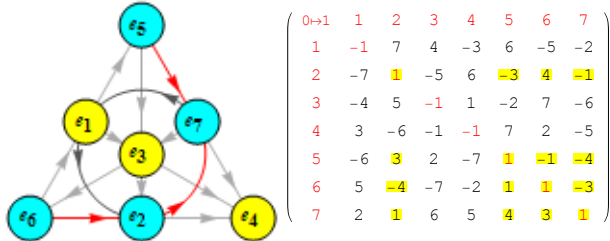
Split=1(3, 4, 5, 6) Not Flipped



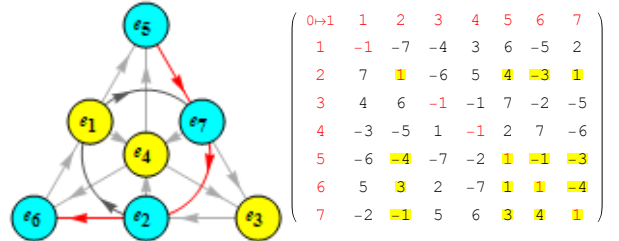
Split=2(2, 5, 6, 7) Flipped



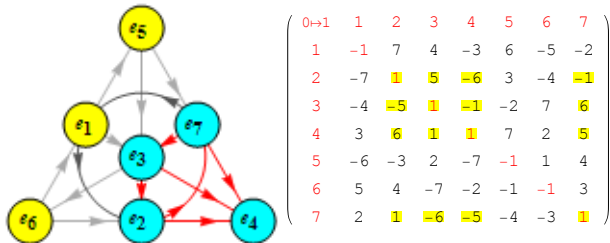
Split=2(2, 5, 6, 7) Not Flipped



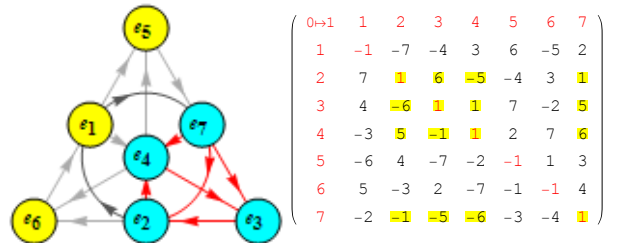
Split=3(2, 3, 4, 7) Flipped



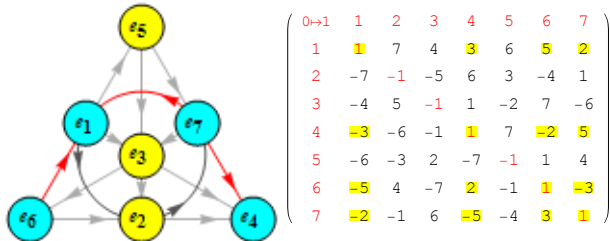
Split=3(2, 3, 4, 7) Not Flipped



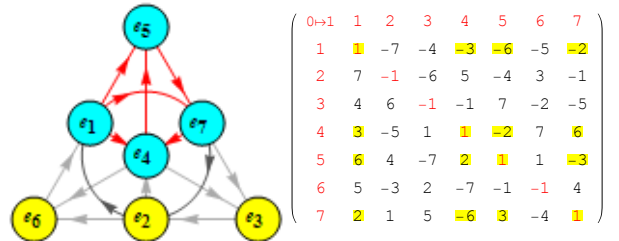
Split=4(1, 4, 6, 7) Flipped



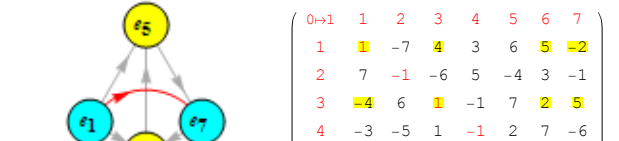
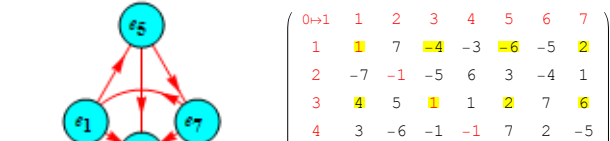
Split=4(1, 4, 5, 7) Not Flipped



Split=5(1, 3, 5, 7) Flipped



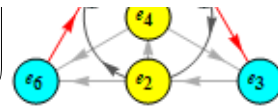
Split=5(1, 3, 6, 7) Not Flipped





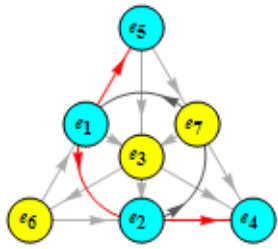
5	6	-3	=2	-7	1	=4
6	5	4	-7	-2	-1	3
7	=2	-1	=6	5	4	-3

Split=6(1, 2, 4, 5) Flipped



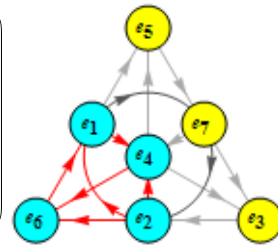
5	-6	4	-7	-2	-1	1	3
6	=5	-3	=2	-7	-1	1	=4
7	2	1	=5	6	-3	4	1

Split=6(1, 2, 4, 6) Not Flipped



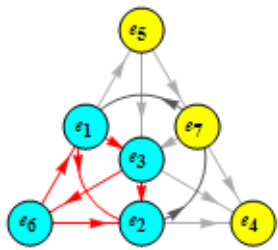
0→1	1	2	3	4	5	6	7
1	1	=7	4	3	=6	-5	-2
2	7	1	-5	=6	=3	-4	1
3	-4	5	-1	1	-2	7	-6
4	=3	6	-1	1	=7	2	-5
5	6	3	2	7	1	1	4
6	5	4	-7	-2	-1	-1	3
7	2	-1	6	5	-4	-3	-1

Split=7(1, 2, 3, 6) Flipped



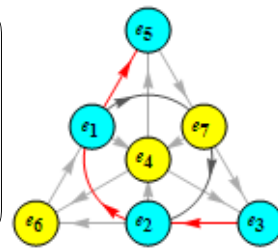
0→1	1	2	3	4	5	6	7
1	1	7	-4	=3	6	5	2
2	=7	1	-6	=5	-4	=3	-1
3	4	6	-1	-1	7	-2	-5
4	3	5	1	1	2	=7	-6
5	-6	4	-7	-2	-1	1	3
6	=5	3	2	7	-1	1	4
7	-2	1	5	6	-3	-4	-1

Split=7(1, 2, 3, 5) Not Flipped



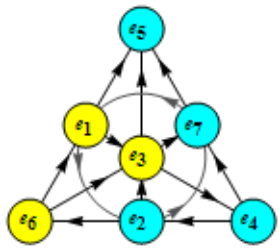
0→1	1	2	3	4	5	6	7
1	1	=7	=4	-3	6	5	-2
2	7	1	5	6	3	4	1
3	4	=5	1	-2	=7	-6	
4	3	-6	-1	-1	7	2	-5
5	-6	-3	2	-7	-1	1	4
6	=5	=4	7	-2	-1	1	3
7	2	-1	6	5	-4	-3	-1

BBH78 Flip {(1, 2, 7), (1, 3, 4), (1, 5, 6), (2, 3, 5), (2, 6, 4), (3, 7, 6), (4, 7, 5)}



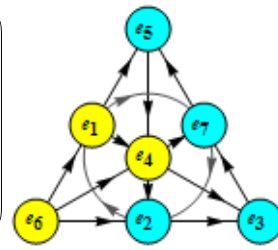
0→1	1	2	3	4	5	6	7
1	1	7	4	3	=6	-5	2
2	=7	1	6	5	4	3	-1
3	=4	=6	1	-1	=7	-2	-5
4	-3	-5	1	-1	2	7	-6
5	6	=4	7	-2	1	1	3
6	5	-3	2	-7	-1	-1	4
7	-2	1	5	6	-3	-4	-1

No Flip {(1, 7, 2), (1, 4, 3), (1, 5, 6), (2, 3, 6), (2, 5, 4), (3, 7, 5), (4, 7, 6)}



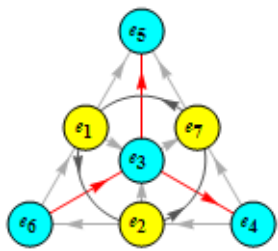
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	6	-5	-2
2	-7	-1	5	-6	-3	4	1
3	-4	-5	-1	1	2	-7	6
4	3	6	-1	-1	-7	-2	5
5	-6	3	-2	7	-1	1	-4
6	5	-4	7	2	-1	-1	-3
7	2	-1	-6	-5	4	3	-1

Split=1(3, 4, 5, 6) Flipped



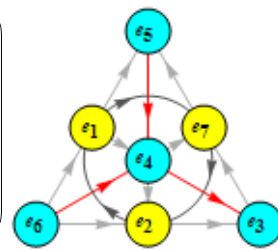
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	6	-5	2
2	7	-1	6	-5	4	-3	-1
3	4	-6	-1	-1	-7	2	5
4	-3	5	1	-1	-2	-7	6
5	-6	-4	7	2	-1	1	-3
6	5	3	-2	7	-1	-1	-4
7	-2	1	-5	-6	3	4	-1

Split=1(3, 4, 5, 6) Not Flipped



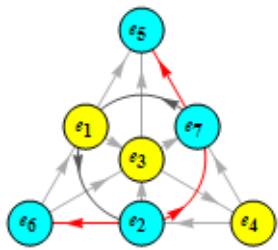
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	6	-5	-2
2	-7	-1	5	-6	-3	4	1
3	-4	-5	1	=1	=2	7	6
4	3	6	1	1	7	2	5
5	-6	3	2	=7	1	=1	-4
6	5	-4	=7	=2	1	1	-3
7	2	-1	-6	-5	4	3	-1

Split=2(2, 5, 6, 7) Flipped



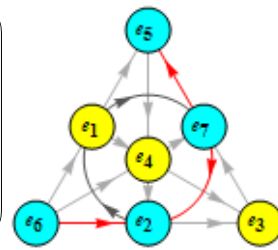
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	6	-5	2
2	7	-1	6	-5	4	-3	-1
3	4	-6	-1	1	7	-2	5
4	-3	5	=1	1	2	7	6
5	-6	-4	=7	=2	1	=1	-3
6	5	3	2	=7	1	1	-4
7	-2	1	-5	-6	3	4	-1

Split=2(2, 5, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	6	-5	-2
2	-7	1	5	-6	3	=4	=1
3	-4	-5	-1	1	2	-7	6
4	3	6	-1	-1	-7	-2	5
5	-6	=3	-2	7	1	=1	4
6	5	4	7	2	1	1	3
7	2	1	-6	-5	=4	=3	1

Split=3(2, 3, 4, 7) Flipped



0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	6	-5	2
2	7	1	6	-5	=4	3	1
3	4	-6	-1	-1	-7	2	5
4	-3	5	1	-1	-2	-7	6
5	-6	4	7	2	1	=1	3
6	5	=3	-2	7	1	1	4
7	-2	=1	-5	-6	=3	=4	1

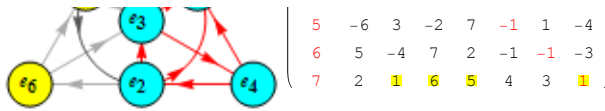
Split=3(2, 3, 4, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	6	-5	-2
2	-7	1	=5	6	-3	4	=1
3	-4	5	1	1	2	-7	=6
4	3	=6	1	1	-7	-2	=5

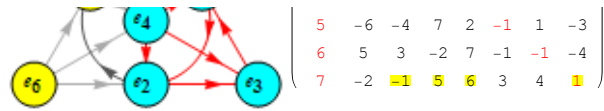


0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	6	-5	2
2	7	1	=6	5	4	-3	1
3	4	6	1	1	-7	2	=5
4	-3	=5	=1	1	-2	-7	=6



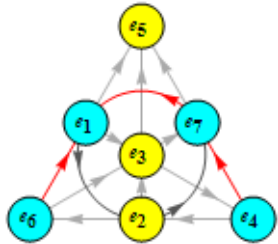
Split=4(1, 4, 6, 7) Flipped

5	-6	3	-2	7	-1	1	-4
6	5	-4	7	2	-1	-1	-3
7	2	1	6	5	4	3	1



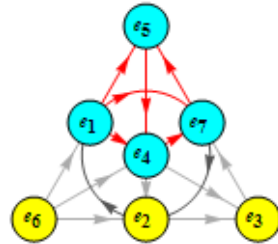
Split=4(1, 4, 5, 7) Not Flipped

5	-6	-4	7	2	-1	1	-3
6	5	3	-2	7	-1	-1	-4
7	-2	-1	5	6	3	4	1



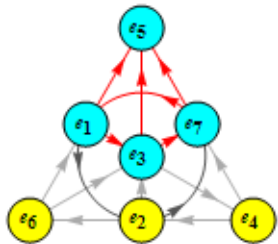
Split=5(1, 3, 5, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	4	3	6	5	2
2	-7	-1	5	-6	-3	4	1
3	-4	-5	-1	1	2	-7	6
4	-3	6	-1	1	-7	2	-5
5	-6	3	-2	7	-1	1	-4
6	-5	-4	7	-2	-1	1	3
7	-2	-1	-6	5	4	-3	1



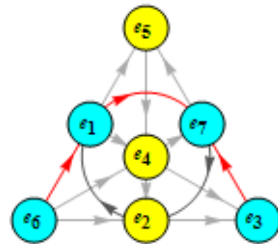
Split=5(1, 3, 6, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	-6	-5	-2
2	7	-1	6	-5	4	-3	-1
3	4	-6	-1	-1	-7	2	5
4	3	5	1	1	2	-7	-6
5	6	-4	7	-2	1	1	3
6	5	3	-2	7	-1	-1	-4
7	2	1	-5	6	-3	4	1



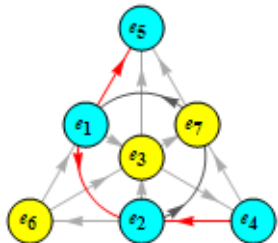
Split=6(1, 2, 4, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	-6	-5	2
2	-7	-1	5	-6	-3	4	1
3	4	-5	1	-2	-7	-6	1
4	3	6	-1	-1	-7	-2	5
5	6	3	2	7	1	1	4
6	5	-4	7	2	-1	-1	-3
7	-2	-1	6	-5	-4	3	1



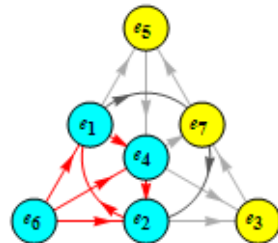
Split=6(1, 2, 4, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	4	3	6	5	-2
2	7	-1	6	-5	4	-3	-1
3	-4	-6	1	-1	-7	-2	-5
4	-3	5	1	-1	-2	-7	6
5	-6	-4	7	2	-1	1	-3
6	-5	3	2	7	-1	1	4
7	2	1	5	-6	3	-4	1



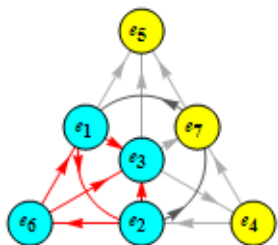
Split=7(1, 2, 3, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	4	3	-6	-5	-2
2	7	1	5	6	3	4	1
3	-4	-5	-1	1	2	-7	6
4	-3	-6	-1	1	7	-2	5
5	6	-3	-2	-7	1	1	-4
6	5	-4	7	2	-1	-1	-3
7	2	-1	-6	-5	4	3	-1



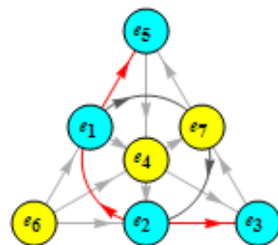
Split=7(1, 2, 3, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	6	5	2
2	-7	1	6	5	4	3	-1
3	4	-6	-1	-1	-7	2	5
4	3	-5	1	1	-2	7	6
5	-6	-4	7	2	-1	1	-3
6	-5	-3	-2	-7	-1	1	-4
7	-2	1	-5	-6	3	4	-1



Split=7(1, 2, 3, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	6	5	-2
2	7	1	-5	-6	-3	-4	1
3	4	5	1	1	2	7	6
4	3	6	-1	-1	-7	-2	5
5	-6	3	-2	7	-1	1	-4
6	-5	4	-7	2	-1	1	-3
7	2	-1	-6	-5	4	3	-1

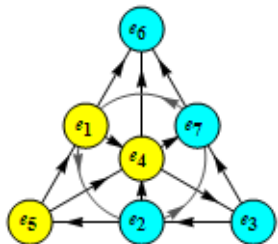


Split=7(1, 2, 3, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	7	4	3	-6	-5	2
2	-7	1	-6	-5	-4	-3	-1
3	-4	6	1	-1	7	2	5
4	-3	5	1	-1	-2	-7	6
5	6	4	-7	2	1	1	-3
6	5	3	-2	7	-1	-1	-4
7	-2	1	-5	-6	3	4	-1

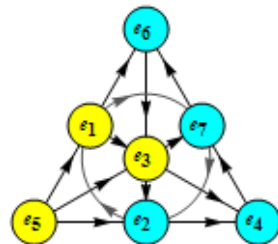
BB#69 Flip {(1, 2, 7), (1, 4, 3), (1, 6, 5), (2, 5, 3), (2, 4, 6), (3, 7, 6), (4, 7, 5)}

No Flip {(1, 7, 2), (1, 3, 4), (1, 6, 5), (2, 6, 3), (2, 4, 5), (3, 7, 5), (4, 7, 6)}



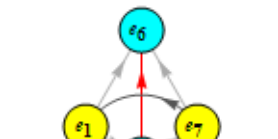
Split=1(3, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	-6	5	-2
2	-7	-1	-5	6	3	-4	1
3	4	5	-1	-1	-2	-7	6
4	-3	-6	1	-1	-7	2	5
5	6	-3	2	7	-1	-1	-4
6	-5	4	7	-2	1	-1	-3
7	2	-1	-6	-5	4	3	-1



Split=1(3, 4, 5, 6) Not Flipped

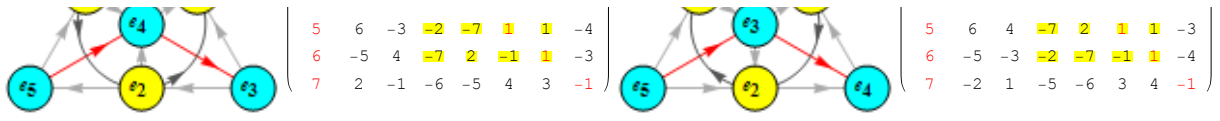
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	-6	5	2
2	7	-1	-6	5	-4	3	-1
3	-4	6	-1	1	-7	-2	5
4	3	-5	-1	-1	-2	-7	6
5	6	4	7	-2	-1	-1	-3
6	-5	-3	2	7	1	-1	-4
7	-2	1	-5	-6	3	4	-1



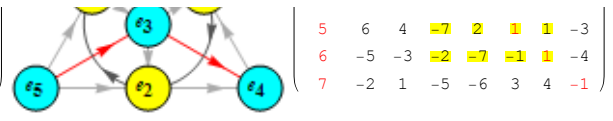
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	-6	5	-2
2	-7	-1	-5	6	3	-4	1
3	4	5	1	1	2	7	6
4	-3	-6	-1	1	7	-2	5



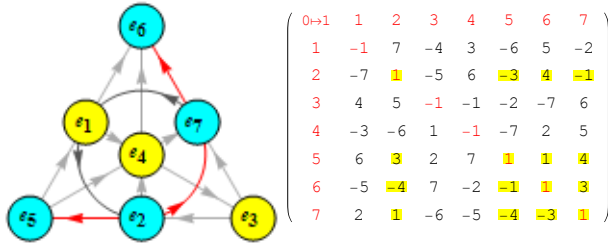
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	-6	5	2
2	7	-1	-6	5	-4	3	-1
3	-4	6	1	-1	7	2	5
4	3	-5	1	1	-2	7	6



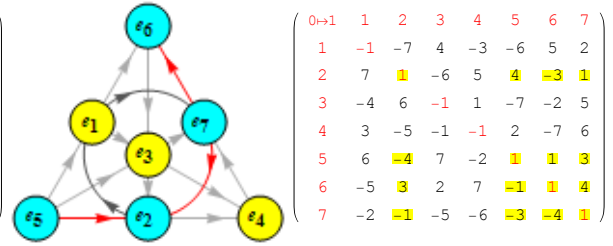
Split=2(2, 5, 6, 7) Flipped



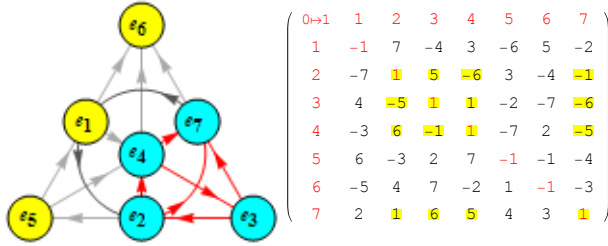
Split=2(2, 5, 6, 7) Not Flipped



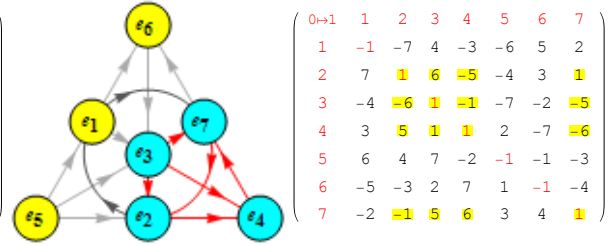
Split=3(2, 3, 4, 7) Flipped



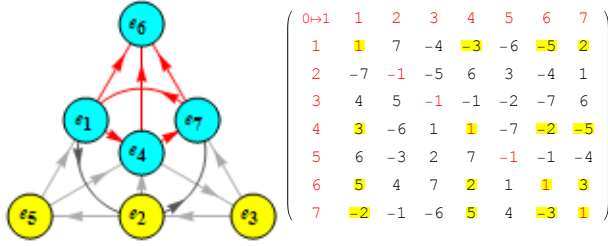
Split=3(2, 3, 4, 7) Not Flipped



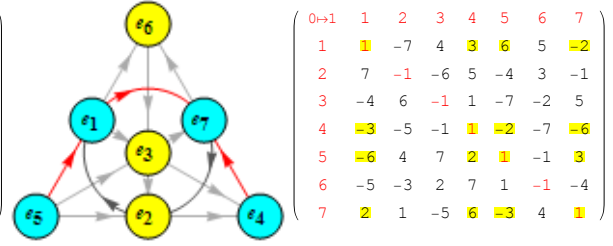
Split=4(1, 4, 6, 7) Flipped



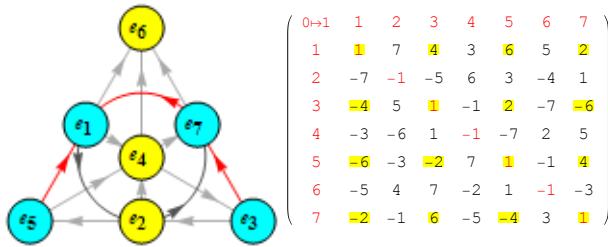
Split=4(1, 4, 5, 7) Not Flipped



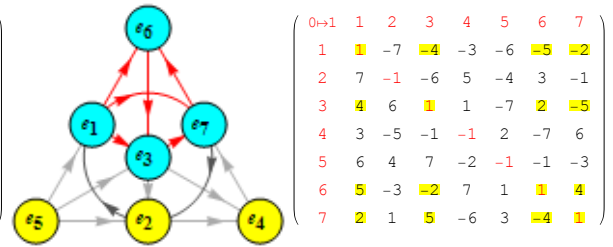
Split=5(1, 3, 5, 7) Flipped



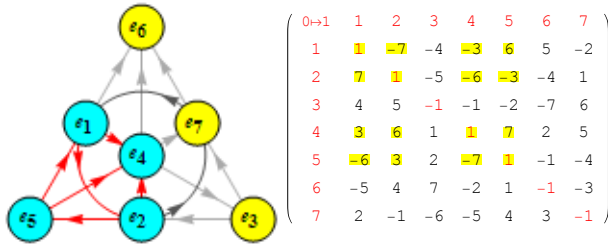
Split=5(1, 3, 6, 7) Not Flipped



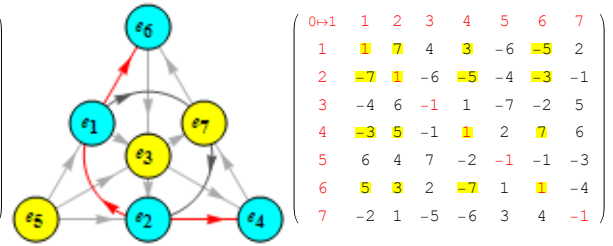
Split=6(1, 2, 4, 5) Flipped



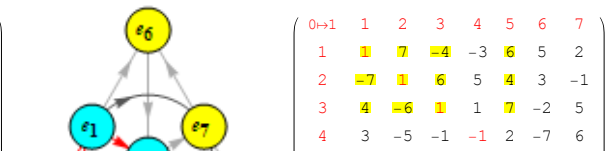
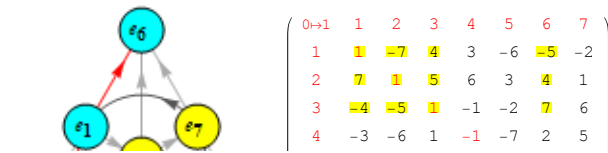
Split=6(1, 2, 4, 6) Not Flipped

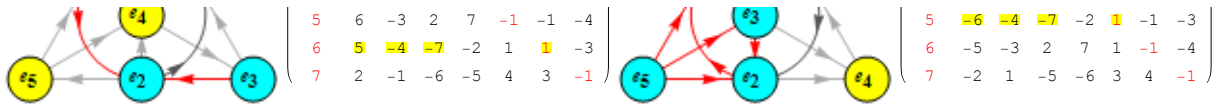


Split=7(1, 2, 3, 6) Flipped



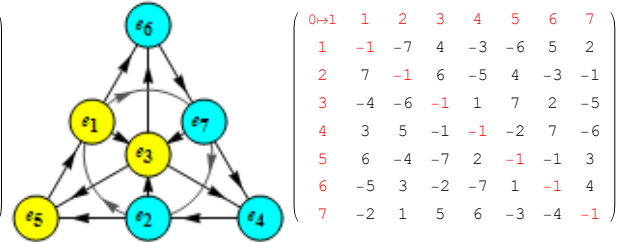
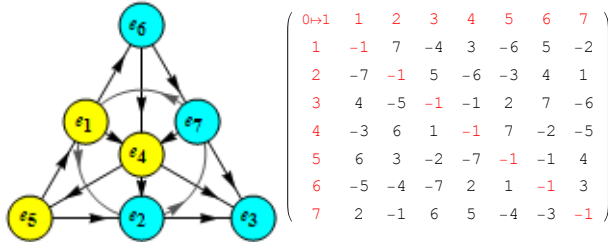
Split=7(1, 2, 3, 5) Not Flipped





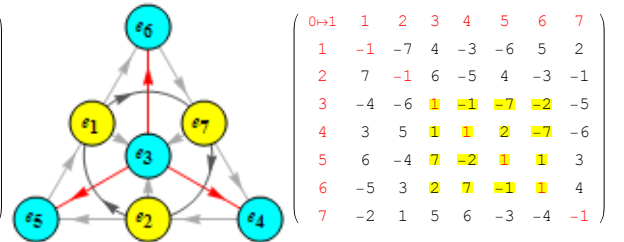
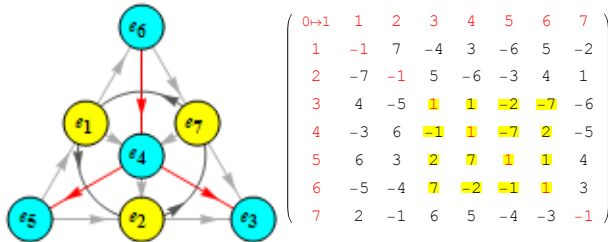
BBH77 Flip  $\{(1, 2, 7), (1, 4, 3), (1, 6, 5), (2, 3, 5), (2, 6, 4), (3, 6, 7), (4, 5, 7)\}$

No Flip  $\{(1, 7, 2), (1, 3, 4), (1, 6, 5), (2, 3, 6), (2, 5, 4), (3, 5, 7), (4, 6, 7)\}$



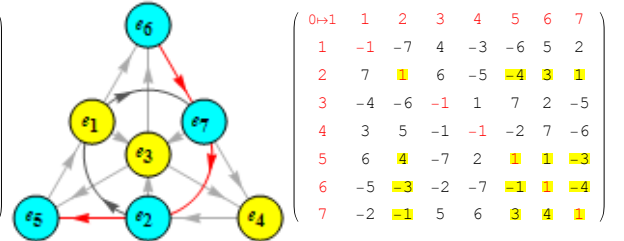
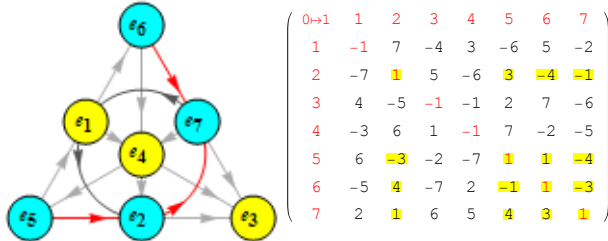
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



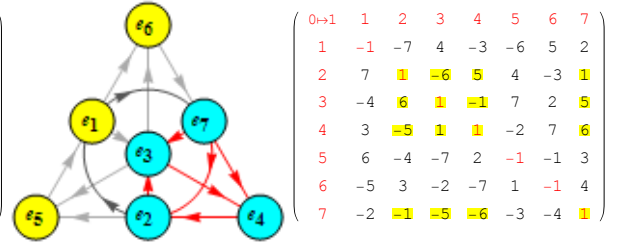
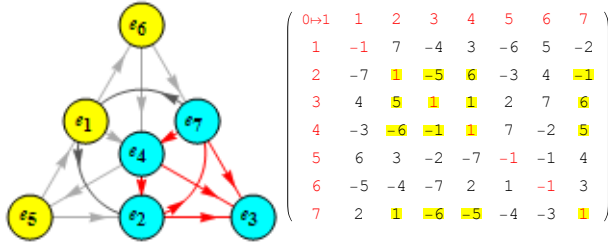
Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



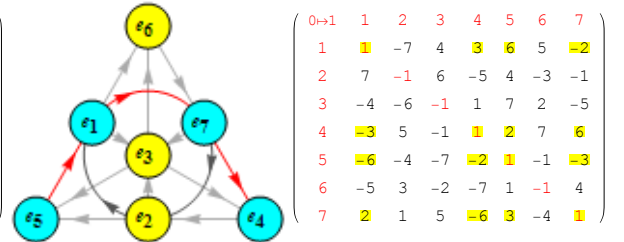
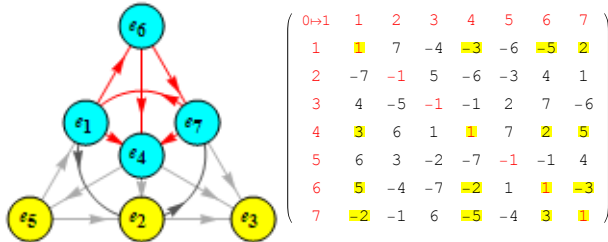
Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



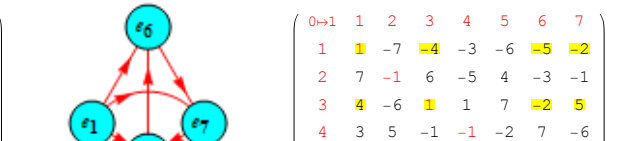
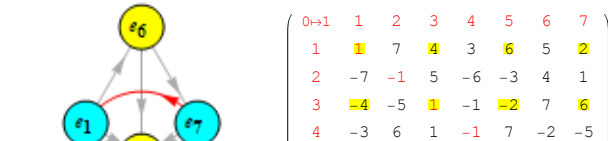
Split=4(1, 4, 6, 7) Flipped

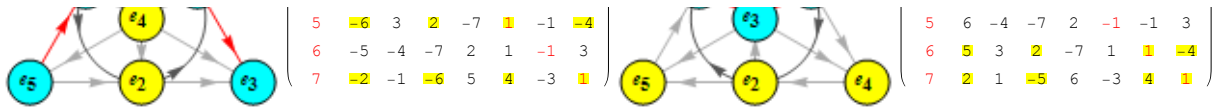
Split=4(1, 4, 6, 7) Not Flipped



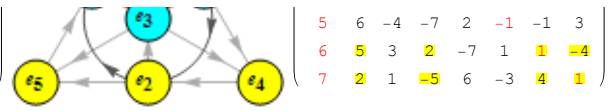
Split=5(1, 3, 5, 7) Flipped

Split=5(1, 3, 6, 7) Not Flipped

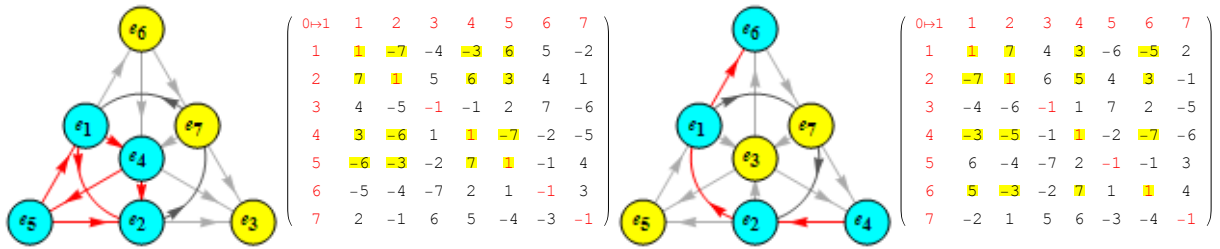




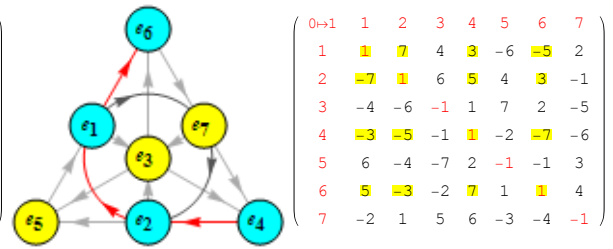
Split={1, 2, 4, 5} Flipped



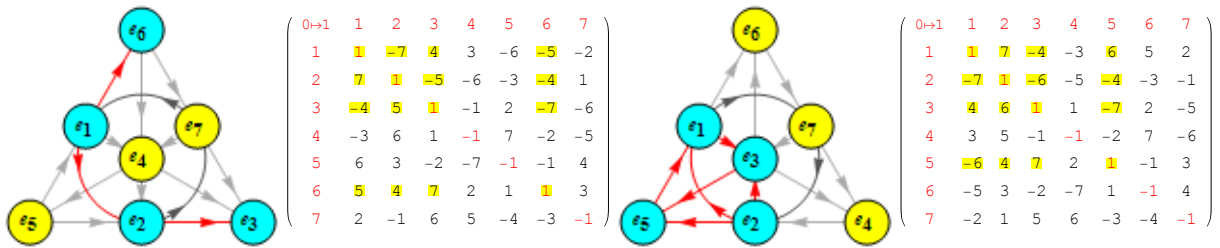
Split={1, 2, 4, 6} Not Flipped



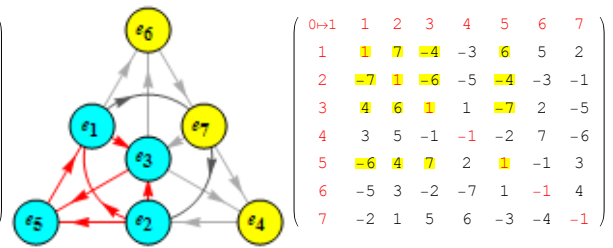
Split={1, 2, 3, 6} Flipped



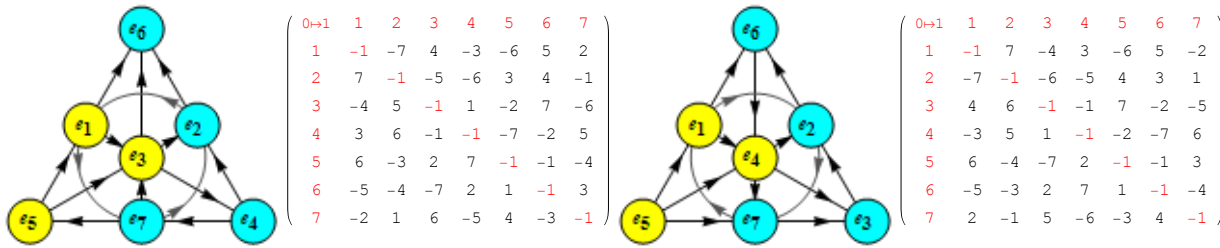
Split={1, 2, 3, 5} Not Flipped



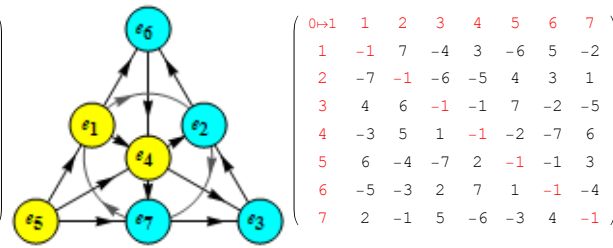
BB58 Flip {(1, 7, 2), (1, 3, 4), (1, 6, 5), (2, 5, 3), (2, 6, 4), (3, 6, 7), (4, 7, 5)}



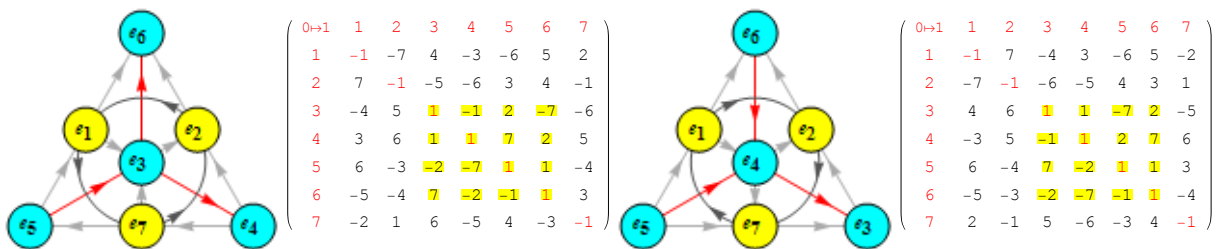
No Flip {(1, 2, 7), (1, 4, 3), (1, 6, 5), (2, 6, 3), (2, 5, 4), (3, 5, 7), (4, 7, 6)}



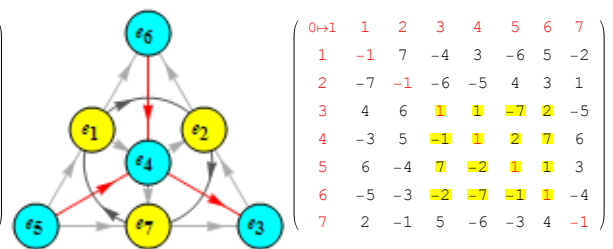
Split={3, 4, 5, 6} Flipped



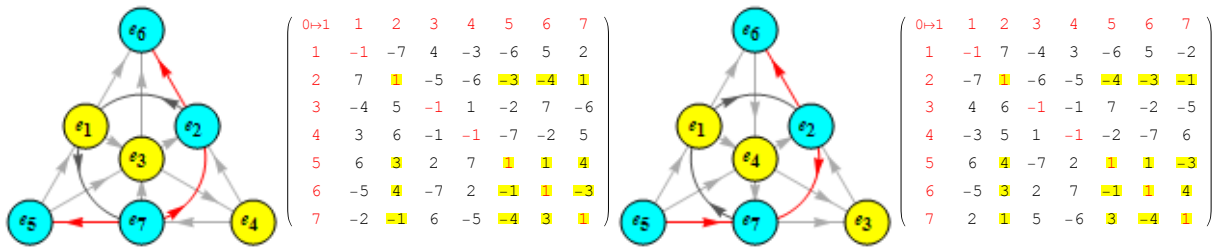
Split={3, 4, 5, 6} Not Flipped



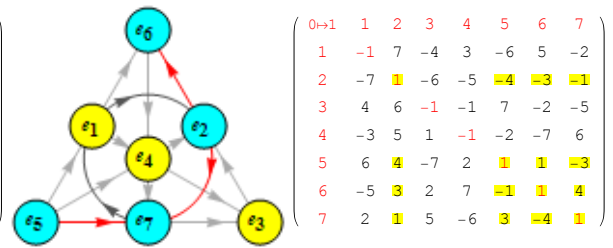
Split={2, 5, 6, 7} Flipped



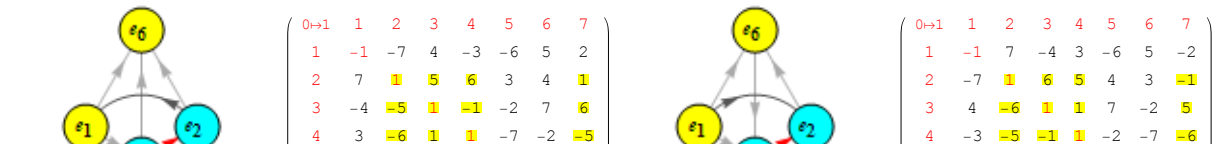
Split={2, 5, 6, 7} Not Flipped



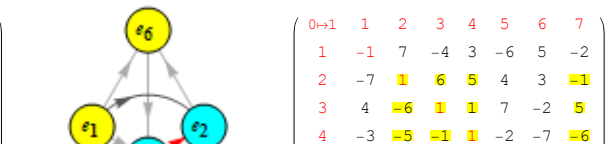
Split={2, 3, 4, 7} Flipped



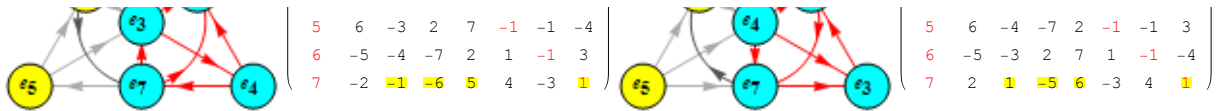
Split={2, 3, 4, 7} Not Flipped



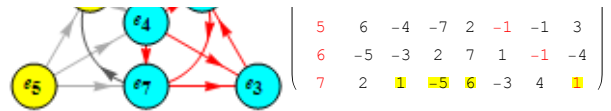
Split={2, 3, 4, 7} Flipped



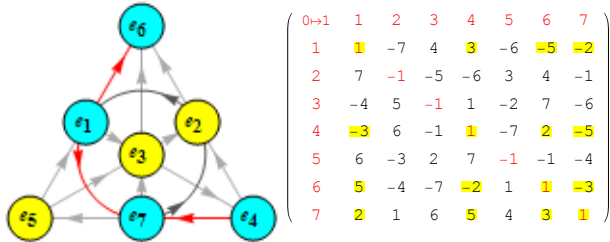
Split={2, 3, 4, 7} Not Flipped



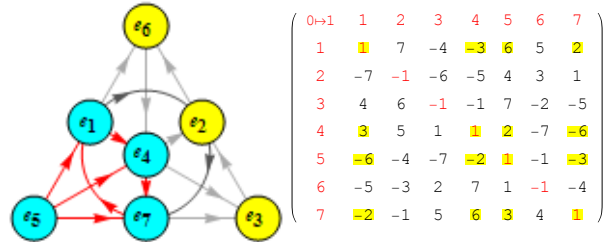
Split={1, 4, 6, 7} Flipped



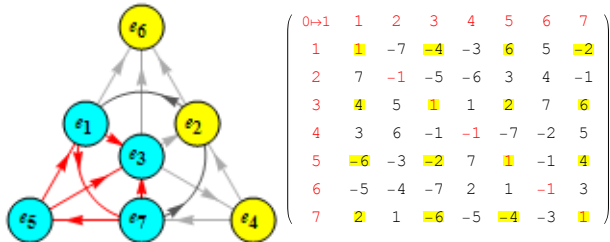
Split={1, 4, 5, 7} Not Flipped



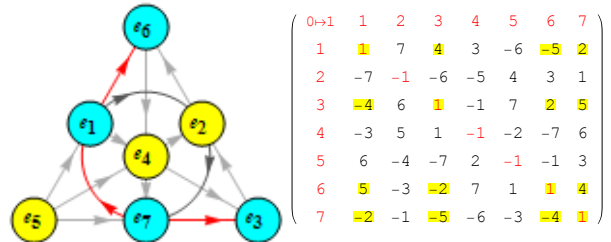
Split={5(1, 3, 5, 7)} Flipped



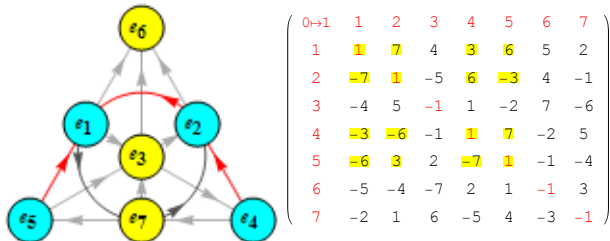
Split={5(1, 3, 6, 7)} Not Flipped



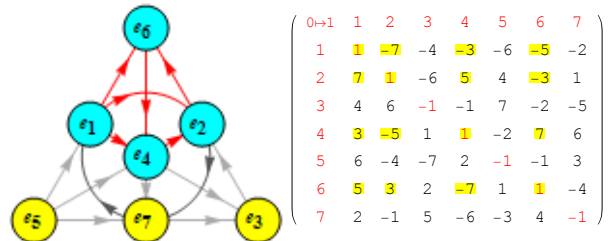
Split={6(1, 2, 4, 5)} Flipped



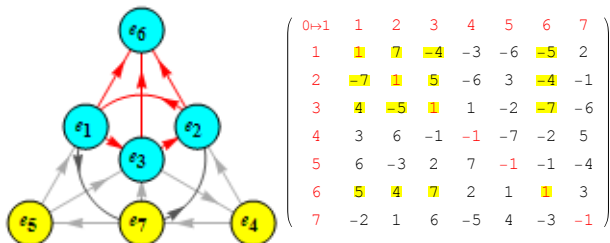
Split={6(1, 2, 4, 6)} Not Flipped



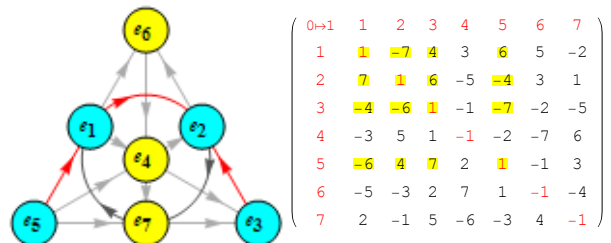
Split={7(1, 2, 3, 6)} Flipped



Split={7(1, 2, 3, 5)} Not Flipped

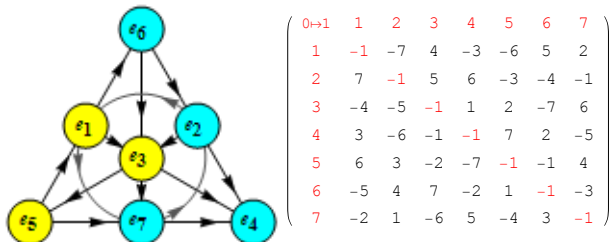


Split={1(3, 4, 5, 6)} Flipped

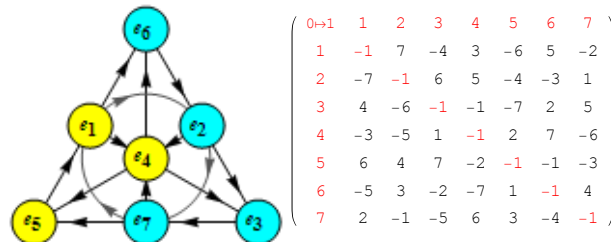


Split={1(3, 4, 5, 6)} Not Flipped

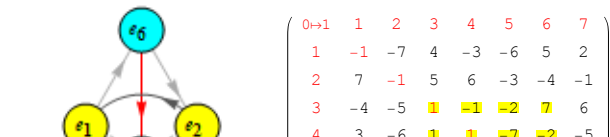
EB212 Flip {(1, 7, 2), (1, 3, 4), (1, 6, 5), (2, 3, 5), (2, 4, 6), (3, 7, 6), (4, 5, 7)} No Flip {(1, 2, 7), (1, 4, 3), (1, 6, 5), (2, 3, 6), (2, 4, 5), (3, 7, 5), (4, 6, 7)}

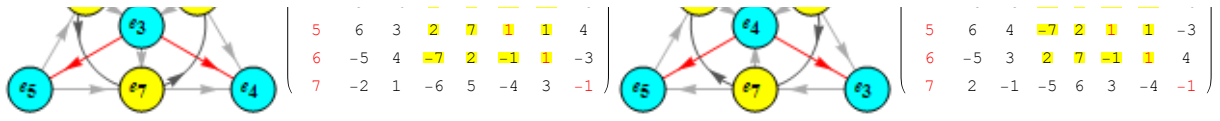


Split={1(3, 4, 5, 6)} Flipped

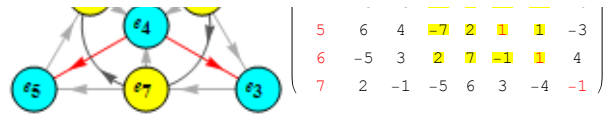


Split={1(3, 4, 5, 6)} Not Flipped

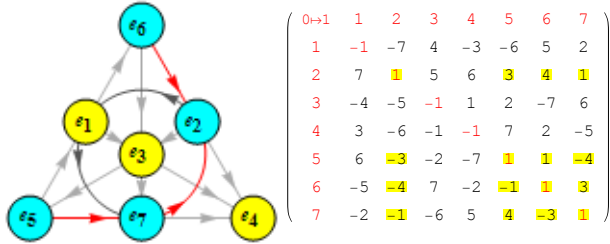




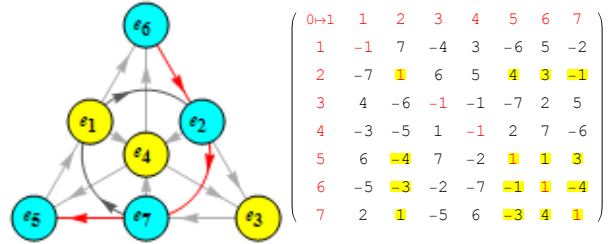
Split=2(2, 5, 6, 7) Flipped



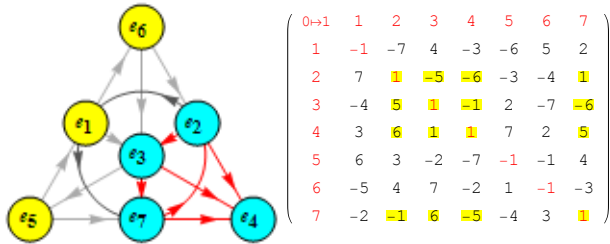
Split=2(2, 5, 6, 7) Not Flipped



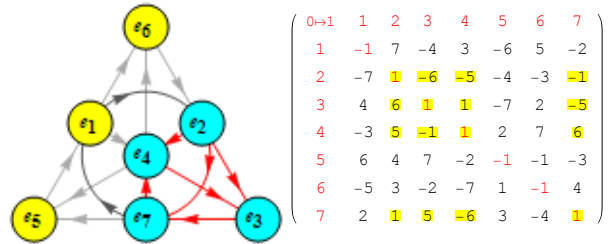
Split=3(2, 3, 4, 7) Flipped



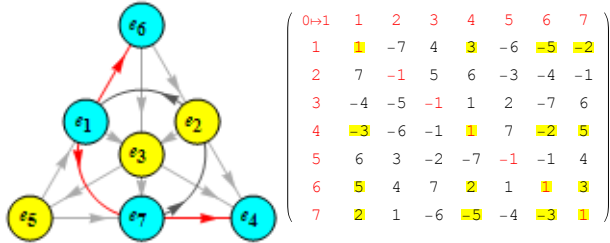
Split=3(2, 3, 4, 7) Not Flipped



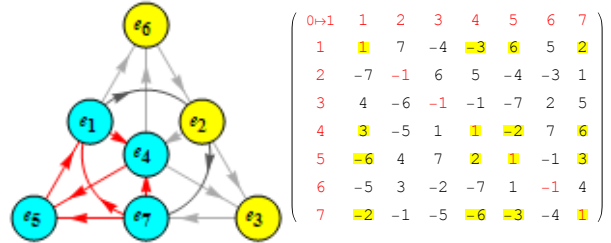
Split=3(2, 3, 4, 7) Flipped



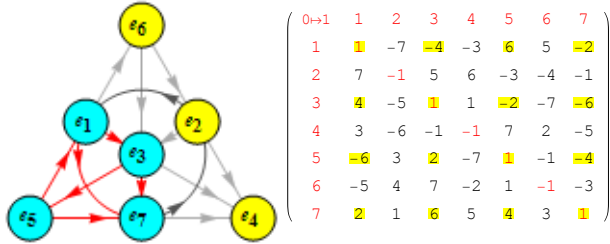
Split=3(2, 3, 4, 7) Not Flipped



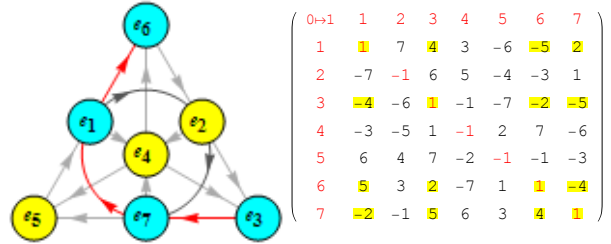
Split=4(1, 4, 6, 7) Flipped



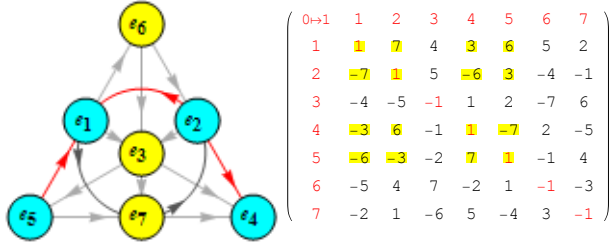
Split=4(1, 4, 6, 7) Not Flipped



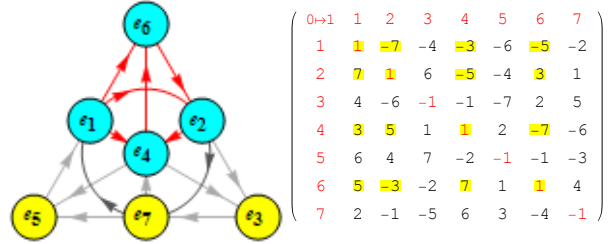
Split=5(1, 3, 5, 7) Flipped



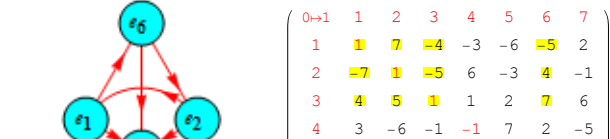
Split=5(1, 3, 6, 7) Not Flipped



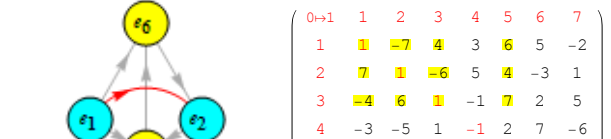
Split=6(1, 2, 4, 5) Flipped



Split=6(1, 2, 4, 6) Not Flipped

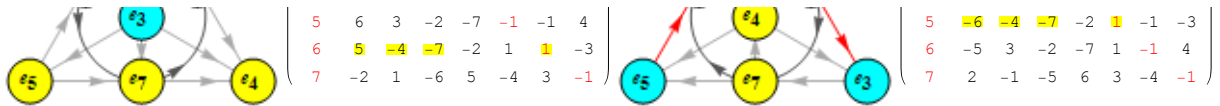


Split=7(1, 2, 3, 6) Flipped



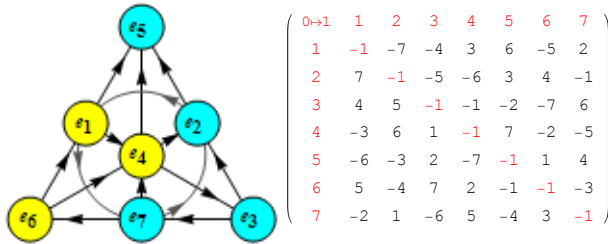
Split=7(1, 2, 3, 5) Not Flipped



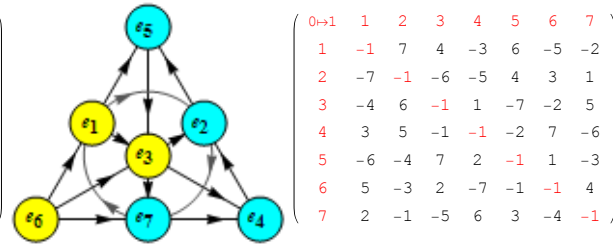


BB57 Flip  $\{(1, 7, 2), (1, 4, 3), (1, 5, 6), (2, 5, 3), (2, 6, 4), (3, 7, 6), (4, 5, 7)\}$

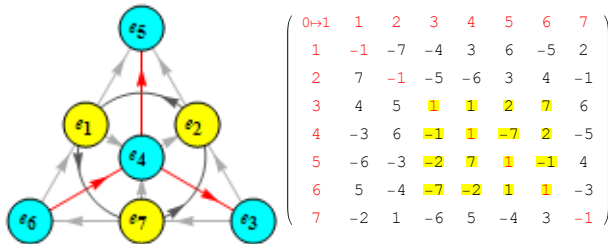
No Flip  $\{(1, 2, 7), (1, 3, 4), (1, 5, 6), (2, 6, 3), (2, 5, 4), (3, 7, 5), (4, 6, 7)\}$



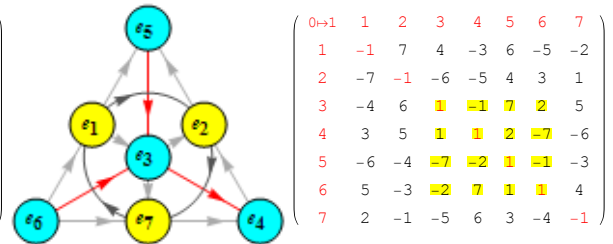
Split=1(3, 4, 5, 6) Flipped



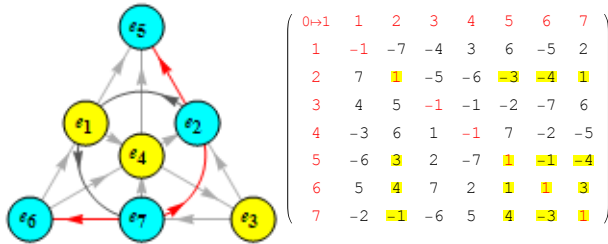
Split=1(3, 4, 5, 6) Not Flipped



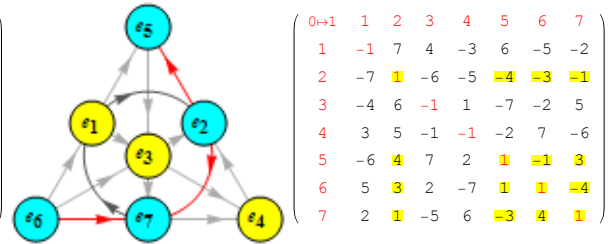
Split=2(2, 5, 6, 7) Flipped



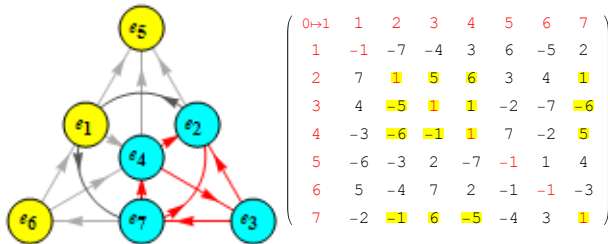
Split=2(2, 5, 6, 7) Not Flipped



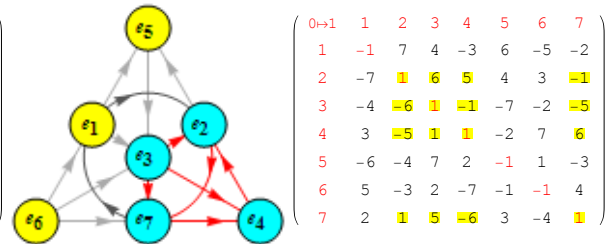
Split=3(2, 3, 4, 7) Flipped



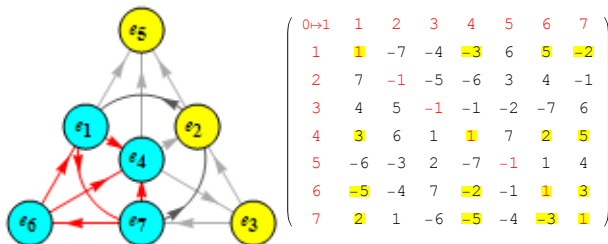
Split=3(2, 3, 4, 7) Not Flipped



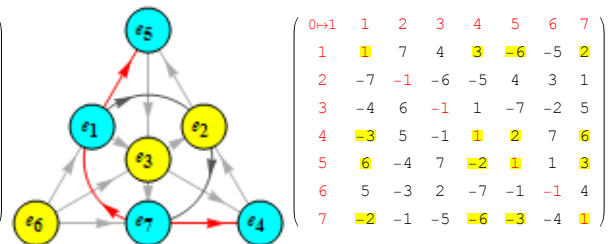
Split=4(1, 4, 6, 7) Flipped



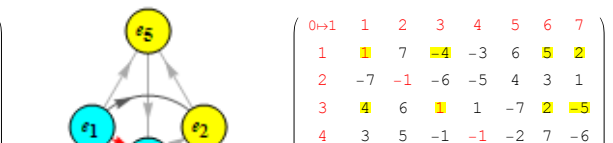
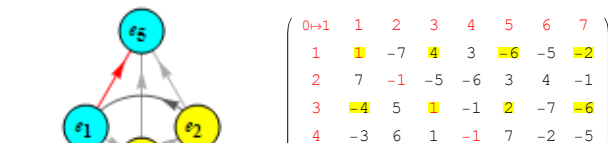
Split=4(1, 4, 6, 7) Not Flipped

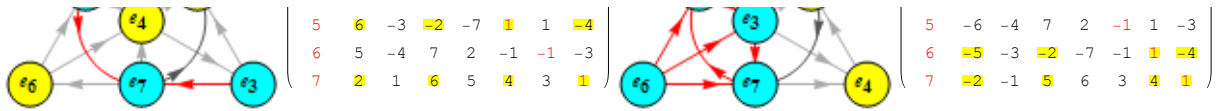


Split=5(1, 3, 5, 7) Flipped



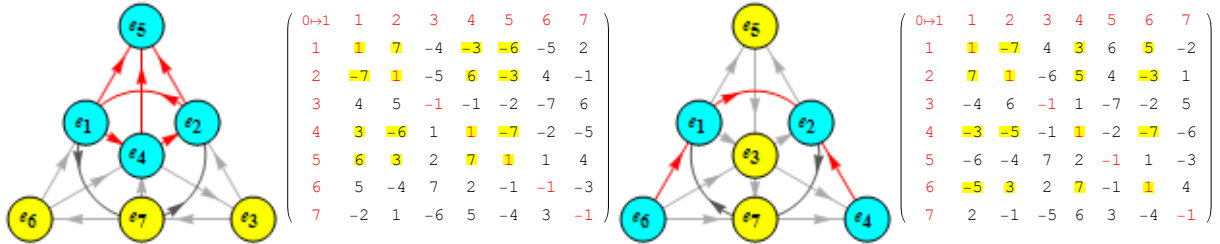
Split=5(1, 3, 5, 7) Not Flipped





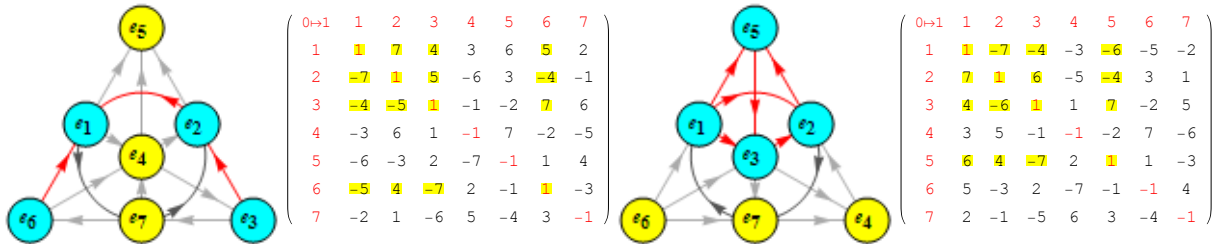
Split={1, 2, 4, 5} Flipped

Split={1, 2, 4, 6} Not Flipped



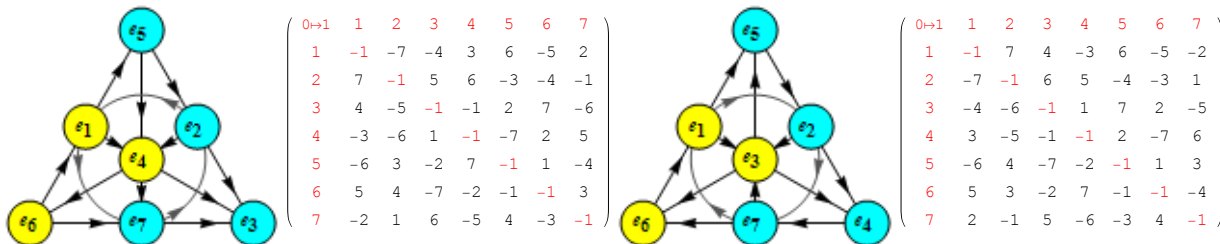
Split={1, 2, 3, 6} Flipped

Split={1, 2, 3, 5} Not Flipped



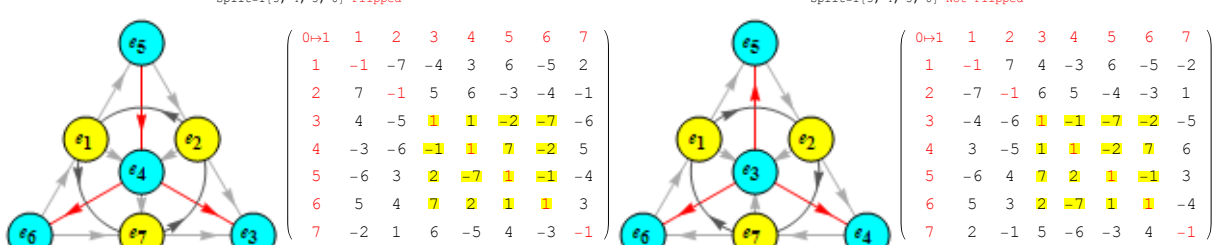
EBH213 Flip {(1, 7, 2), (1, 4, 3), (1, 5, 6), (2, 3, 5), (2, 4, 6), (3, 6, 7), (4, 7, 5)}

No Flip {(1, 2, 7), (1, 3, 4), (1, 5, 6), (2, 3, 6), (2, 4, 5), (3, 5, 7), (4, 7, 6)}



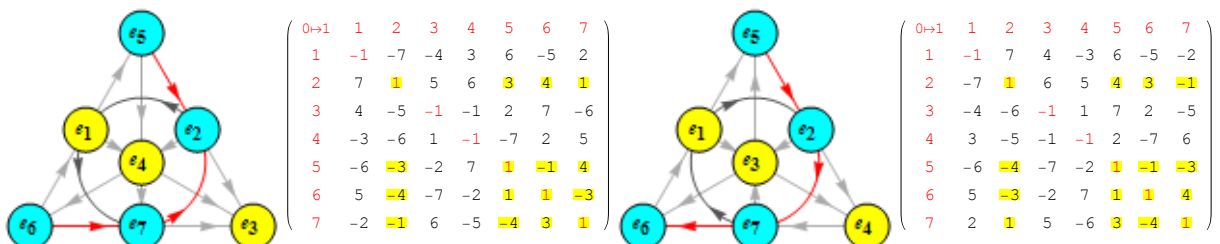
Split={3, 4, 5, 6} Flipped

Split={3, 4, 5, 6} Not Flipped



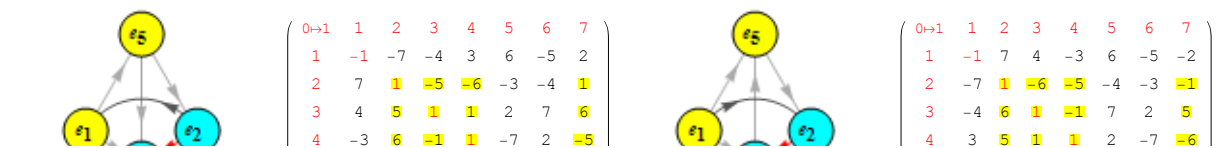
Split={2, 5, 6, 7} Flipped

Split={2, 5, 6, 7} Not Flipped



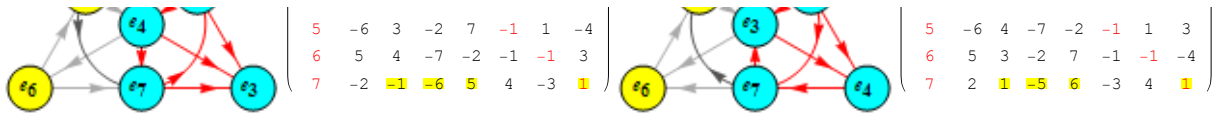
Split={2, 3, 4, 7} Flipped

Split={2, 3, 4, 7} Not Flipped



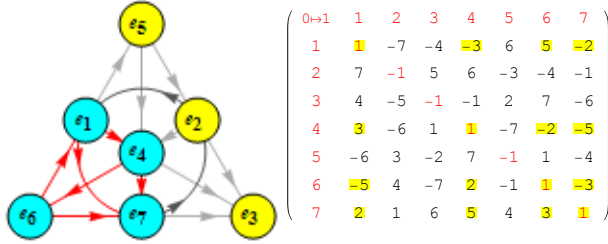
Split={3, 4, 7} Flipped

Split={3, 4, 7} Not Flipped



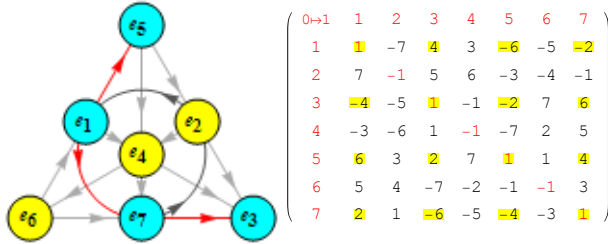
Split={1, 4, 6, 7} Flipped

Split={1, 4, 5, 7} Not Flipped



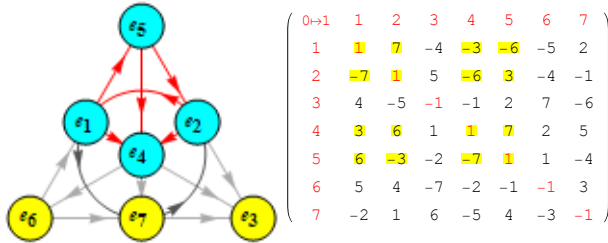
Split={1, 3, 5, 7} Flipped

Split={1, 3, 6, 7} Not Flipped



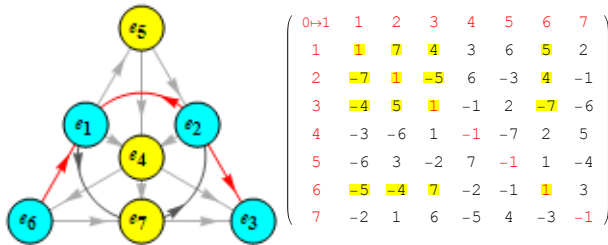
Split={1, 2, 4, 5} Flipped

Split={1, 2, 4, 6} Not Flipped



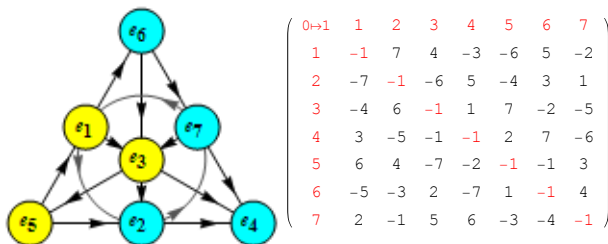
Split={1, 2, 3, 6} Flipped

Split={1, 2, 3, 5} Not Flipped



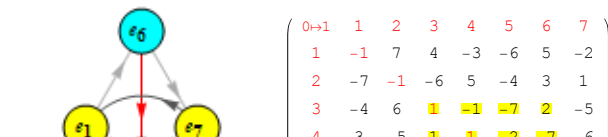
EB8179 Flip {{1, 2, 7}, {1, 3, 4}, {1, 6, 5}, {2, 6, 3}, {2, 4, 5}, {3, 5, 7}, {4, 6, 7}}

No Flip {{1, 7, 2}, {1, 4, 3}, {1, 6, 5}, {2, 5, 3}, {2, 4, 6}, {3, 6, 7}, {4, 5, 7}}



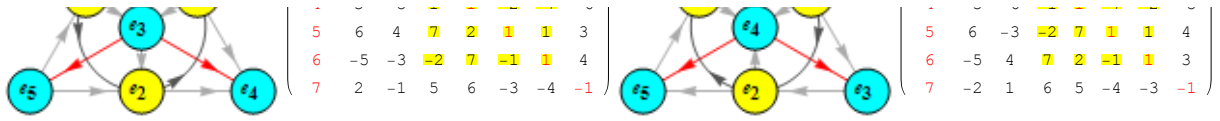
Split={3, 4, 5, 6} Flipped

Split={3, 4, 5, 6} Not Flipped

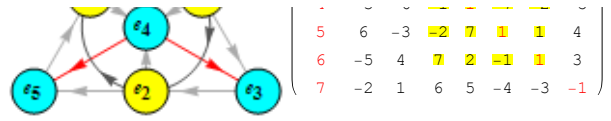


Split={3, 4, 5, 6} Flipped

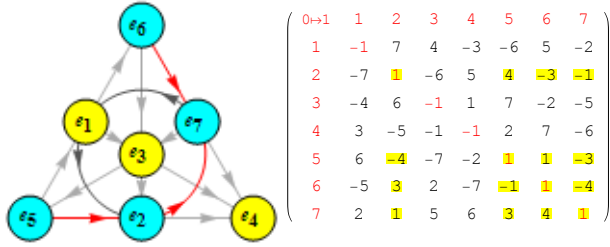
Split={3, 4, 5, 6} Not Flipped



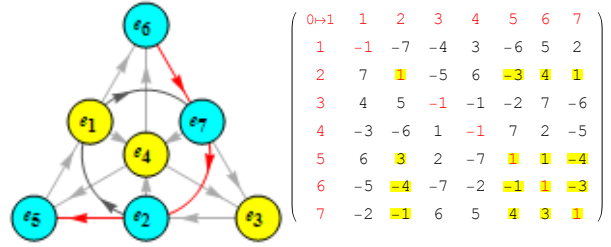
Split=2(2, 5, 6, 7) Flipped



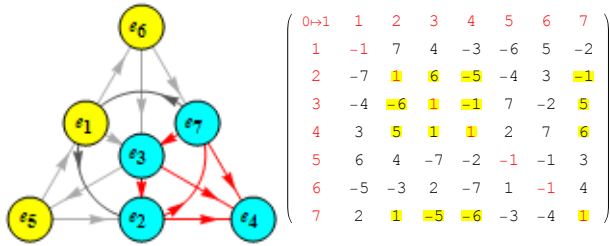
Split=2(2, 5, 6, 7) Not Flipped



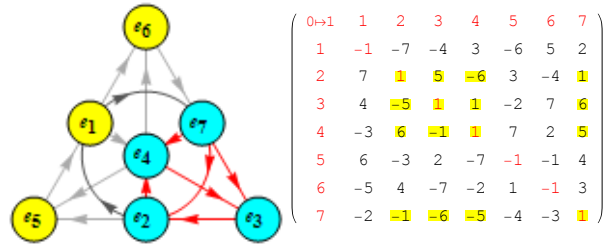
Split=3(2, 3, 4, 7) Flipped



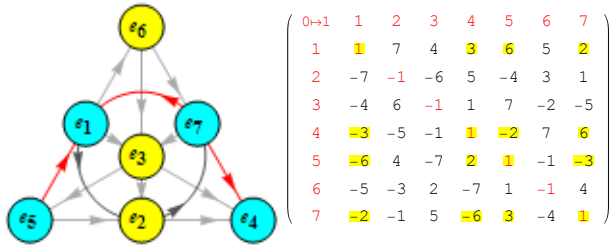
Split=3(2, 3, 4, 7) Not Flipped



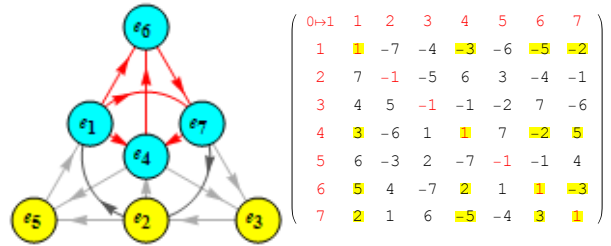
Split=3(2, 3, 4, 7) Flipped



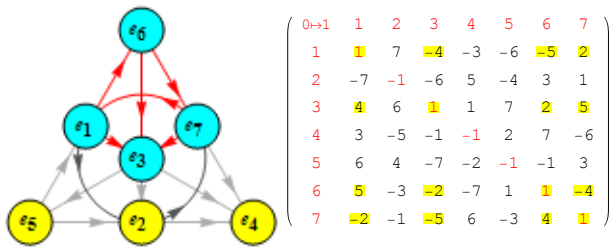
Split=3(2, 3, 4, 7) Not Flipped



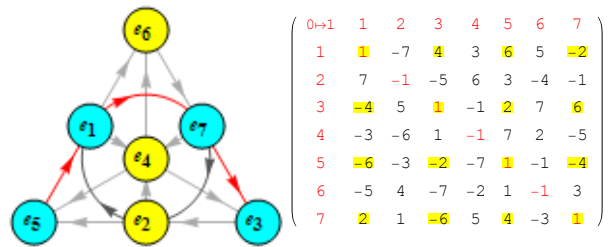
Split=4(1, 4, 5, 7) Flipped



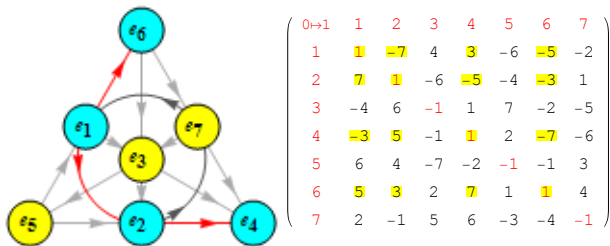
Split=4(1, 4, 5, 7) Not Flipped



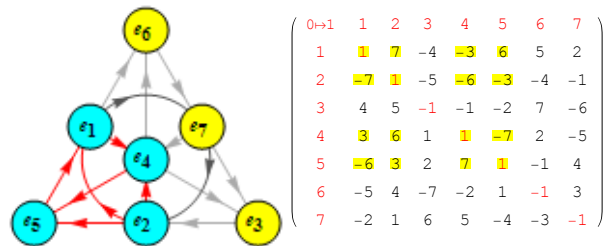
Split=5(1, 3, 6, 7) Flipped



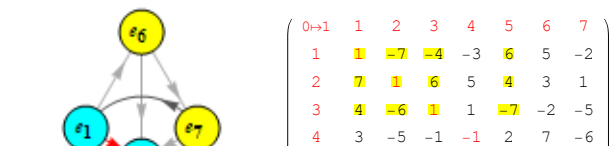
Split=5(1, 3, 6, 7) Not Flipped



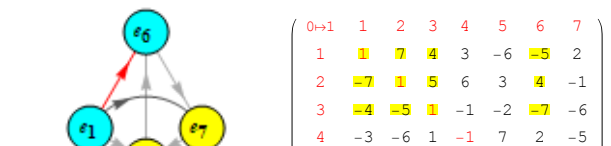
Split=6(1, 2, 4, 6) Flipped



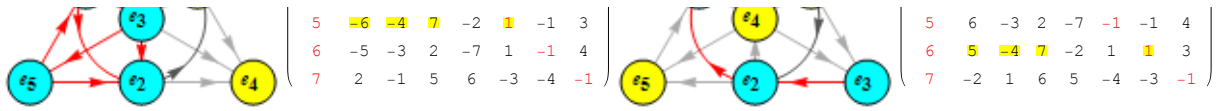
Split=6(1, 2, 4, 6) Not Flipped



Split=7(1, 2, 3, 5) Flipped

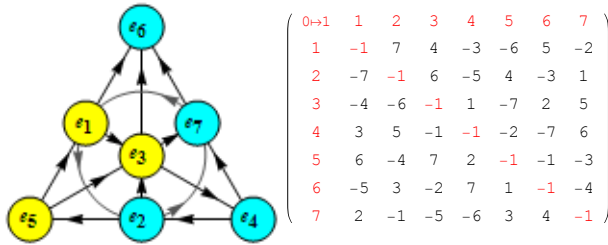


Split=7(1, 2, 3, 5) Not Flipped

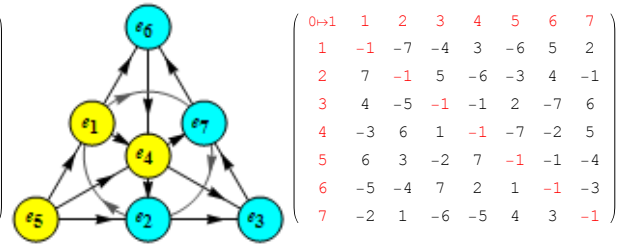


EB8189 Flip  $\{(1, 2, 7), (1, 3, 4), (1, 6, 5), (2, 3, 6), (2, 5, 4), (3, 7, 5), (4, 7, 6)\}$

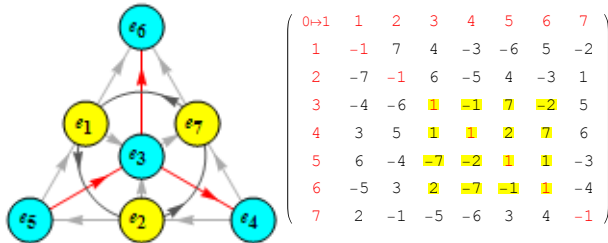
No Flip  $\{(1, 7, 2), (1, 4, 3), (1, 6, 5), (2, 3, 5), (2, 6, 4), (3, 7, 6), (4, 7, 5)\}$



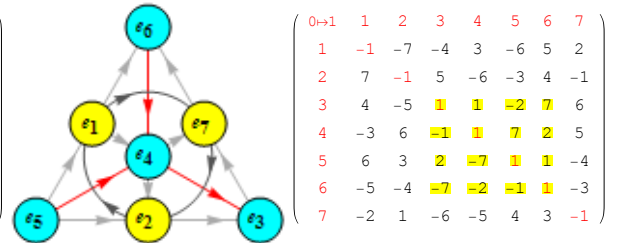
Split=1(3, 4, 5, 6) Flipped



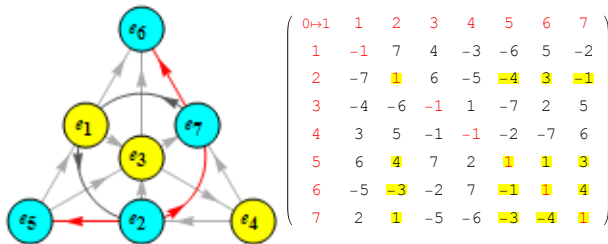
Split=1(3, 4, 5, 6) Not Flipped



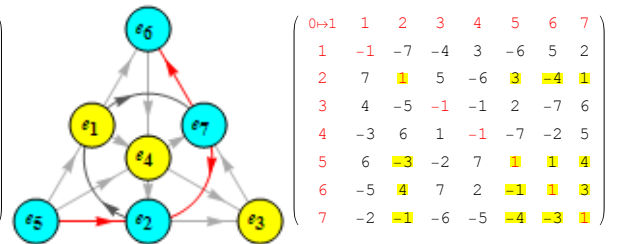
Split=2(2, 5, 6, 7) Flipped



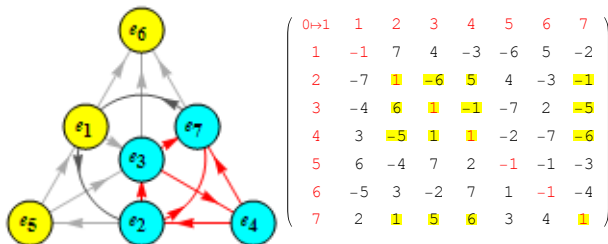
Split=2(2, 5, 6, 7) Not Flipped



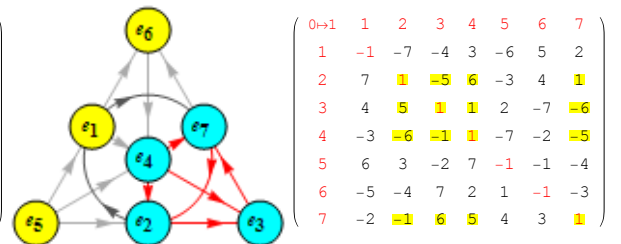
Split=3(2, 3, 4, 7) Flipped



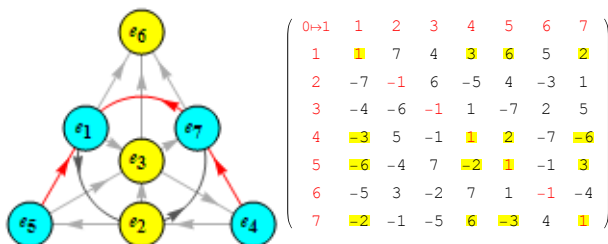
Split=3(2, 3, 4, 7) Not Flipped



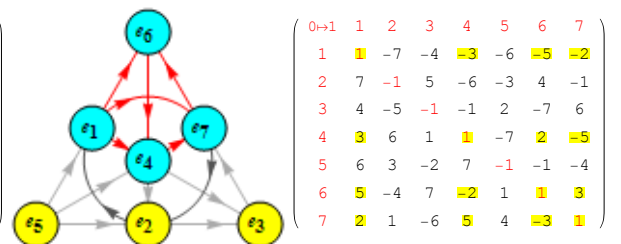
Split=4(1, 4, 5, 7) Flipped



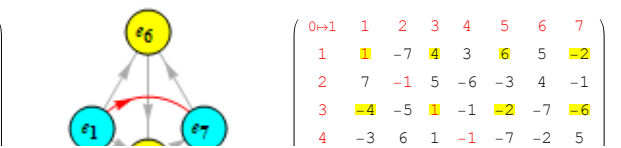
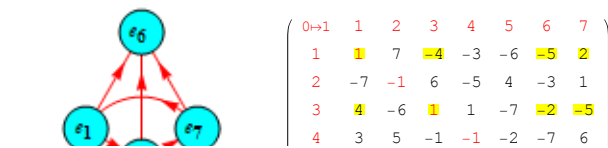
Split=4(1, 4, 5, 7) Not Flipped

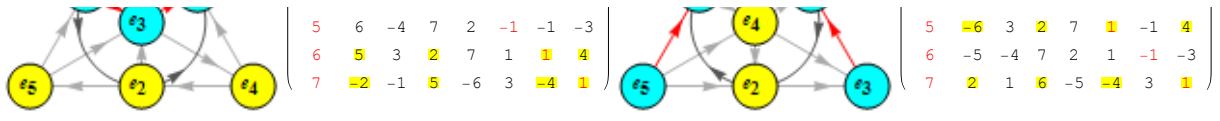


Split=5(1, 3, 6, 7) Flipped

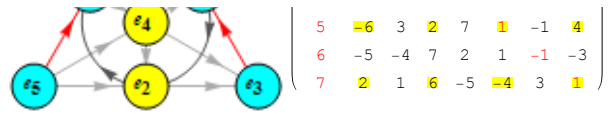


Split=5(1, 3, 6, 7) Not Flipped

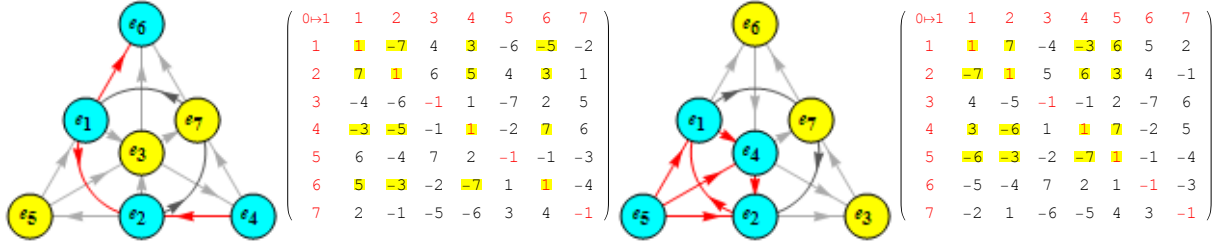




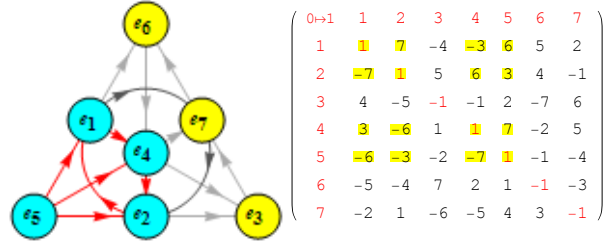
Split=6(1, 2, 4, 6) Flipped



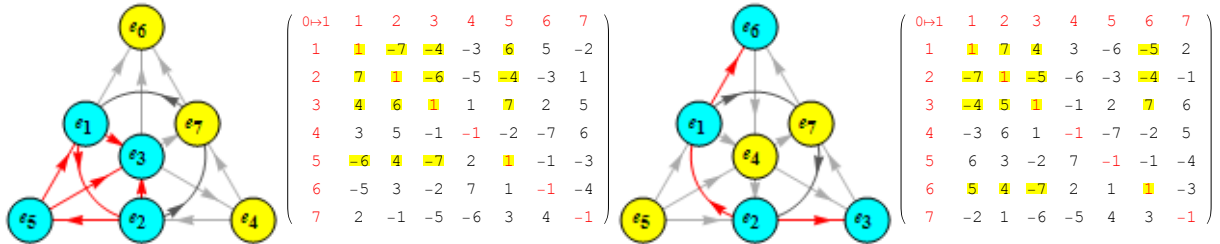
Split=6(1, 2, 4, 5) Not Flipped



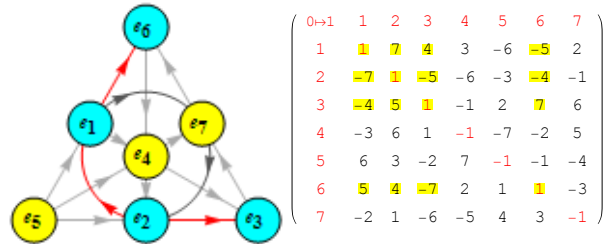
Split=7(1, 2, 3, 5) Flipped



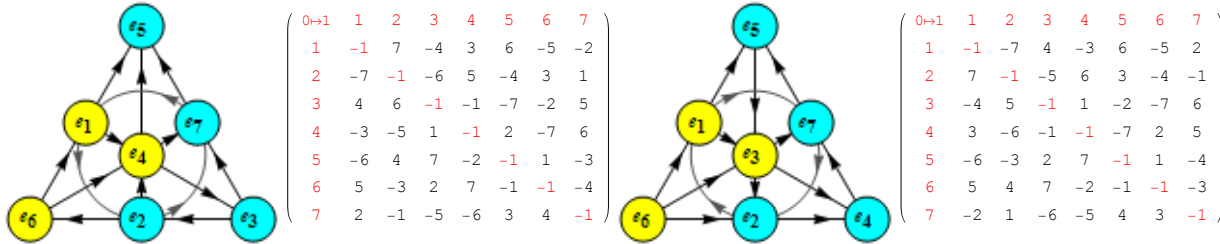
Split=7(1, 2, 3, 6) Not Flipped



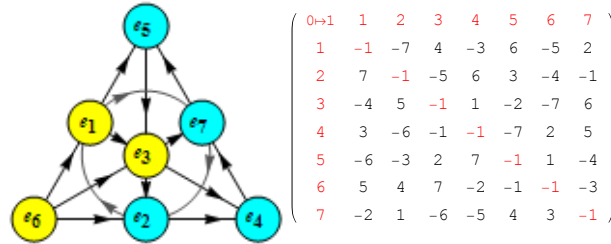
EBH180 Flip {(1, 2, 7), (1, 4, 3), (1, 5, 6), (2, 6, 3), (2, 4, 5), (3, 7, 5), (4, 7, 6)}



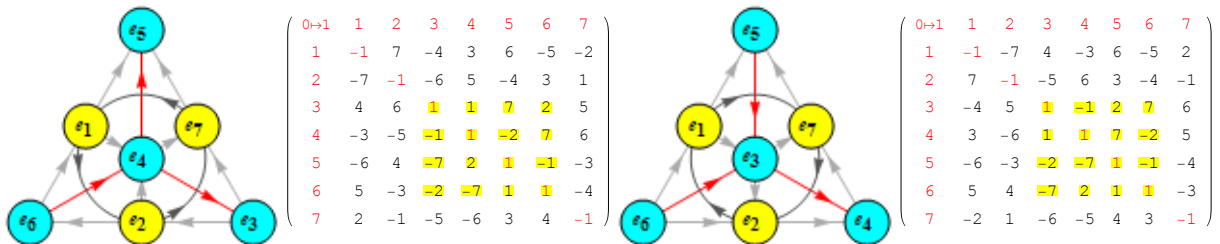
No Flip {(1, 7, 2), (1, 3, 4), (1, 5, 6), (2, 5, 3), (2, 4, 6), (3, 7, 6), (4, 7, 5)}



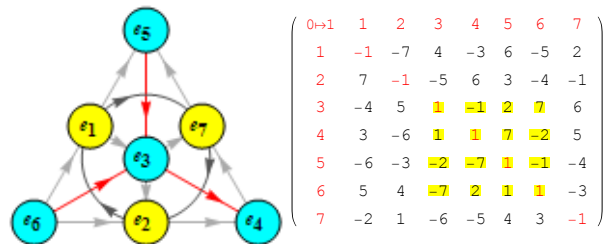
Split=1(3, 4, 5, 6) Flipped



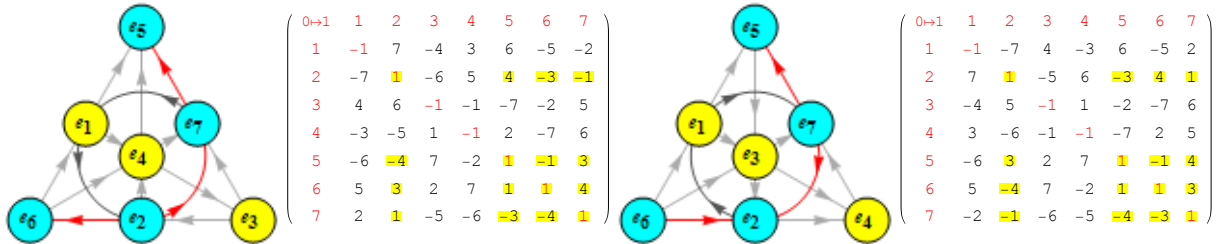
Split=1(3, 4, 5, 6) Not Flipped



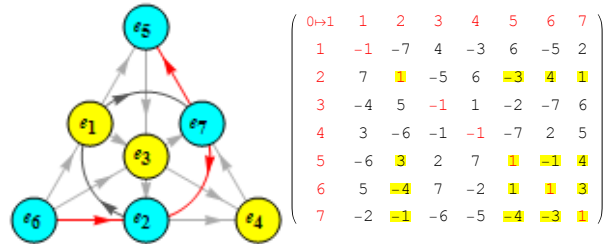
Split=2(2, 5, 6, 7) Flipped



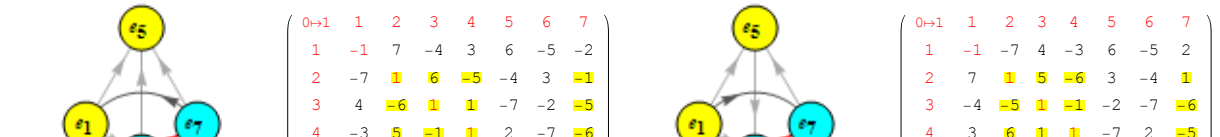
Split=2(2, 5, 6, 7) Not Flipped

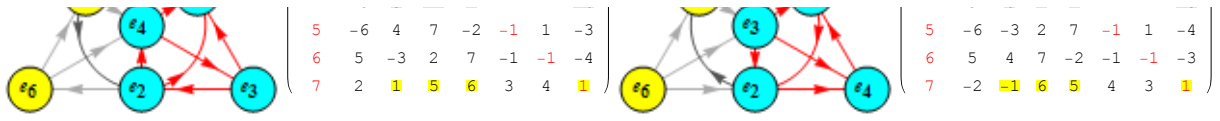


Split=3(2, 3, 4, 7) Flipped



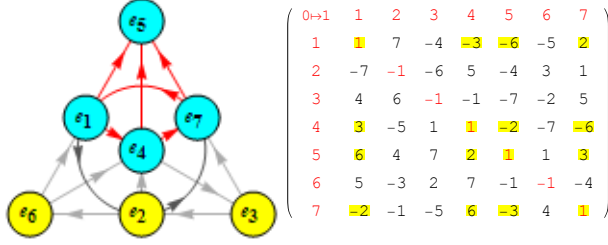
Split=3(2, 3, 4, 7) Not Flipped





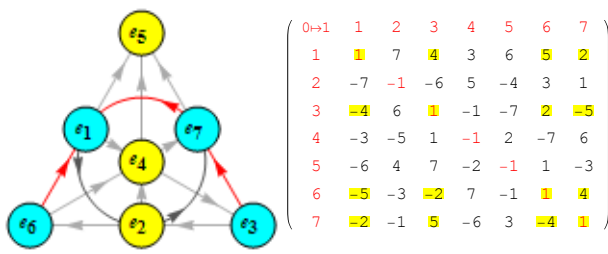
Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



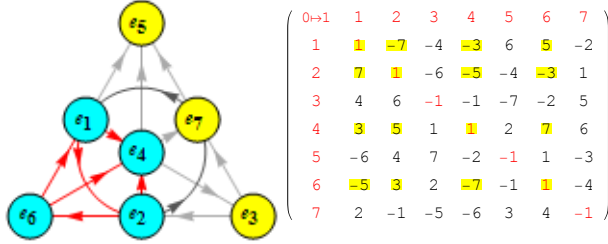
Split=5(1, 3, 6, 7) Flipped

Split=5(1, 3, 5, 7) Not Flipped



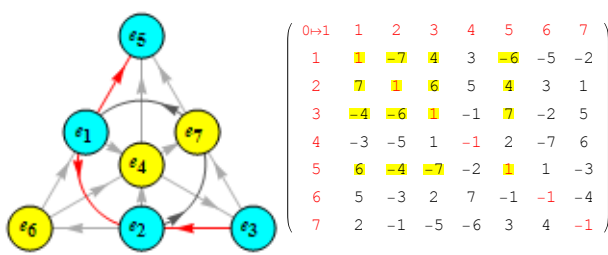
Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



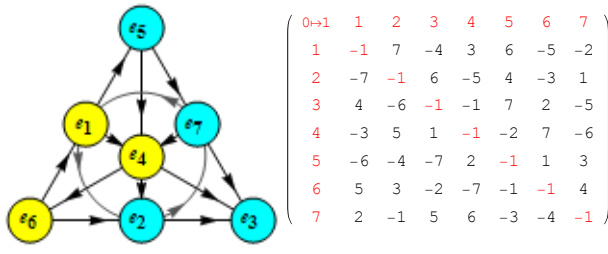
Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



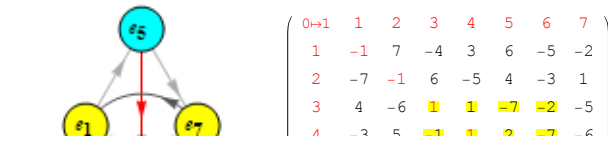
EBH188 Flip {(1, 2, 7), (1, 4, 3), (1, 5, 6), (2, 3, 6), (2, 5, 4), (3, 5, 7), (4, 6, 7)}

No Flip {(1, 7, 2), (1, 3, 4), (1, 5, 6), (2, 3, 5), (2, 6, 4), (3, 6, 7), (4, 5, 7)}



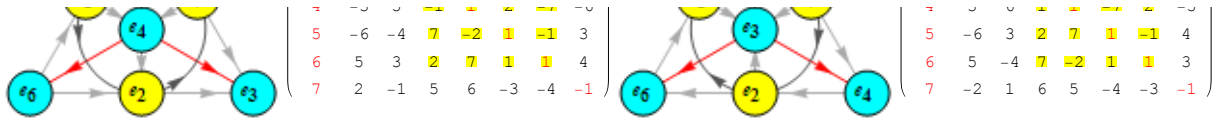
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



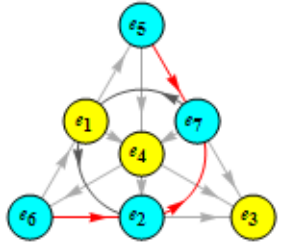
7	-5	0	-1	-1	-1	-1	-1
5	-6	-4	7	-2	1	-1	3
6	5	3	2	7	1	1	4
7	2	-1	5	6	-3	-4	-1



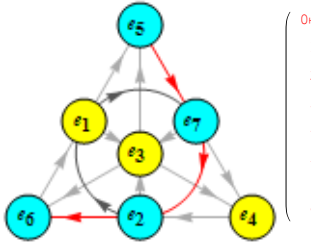
7	-5	0	-1	-1	-1	-1	-1
5	-6	3	2	7	1	-1	4
6	5	-4	7	-2	1	1	3
7	-2	1	6	5	-4	-3	-1

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



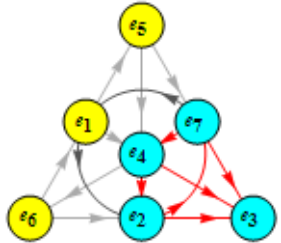
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	1	6	-5	-4	3	-1
3	4	-6	-1	-1	7	2	-5
4	-3	5	1	-1	-2	7	-6
5	-6	4	-7	2	1	-1	-3
6	5	-3	-2	-7	1	1	-4
7	2	1	5	6	3	4	1



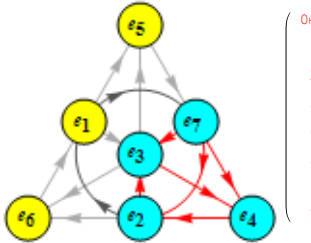
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	1	5	-6	3	-4	1
3	-4	-5	-1	1	2	7	-6
4	3	6	-1	-1	7	-2	-5
5	-6	-3	-2	-7	1	-1	-4
6	5	4	-7	2	1	1	-3
7	-2	-1	6	5	4	3	1

Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



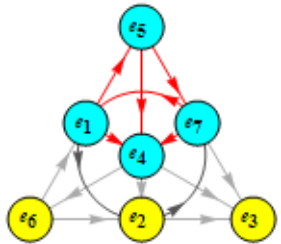
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	1	-6	5	4	-3	-1
3	4	6	1	1	7	2	5
4	-3	-5	-1	1	-2	7	6
5	-6	-4	-7	2	-1	1	3
6	5	3	-2	-7	-1	-1	4
7	2	1	-5	-6	-3	-4	1



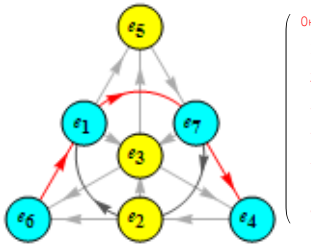
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	1	-5	6	-3	4	1
3	-4	5	1	-1	2	7	6
4	3	6	1	1	7	-2	5
5	-6	3	-2	-7	-1	1	4
6	5	-4	-7	2	-1	-1	3
7	-2	-1	-6	-5	-4	-3	1

Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



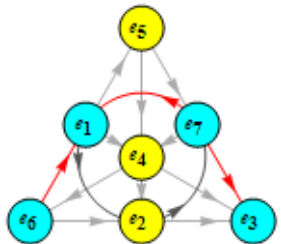
0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	-6	-5	2
2	-7	-1	6	-5	4	-3	1
3	4	-6	-1	-1	7	2	-5
4	3	5	1	1	2	7	6
5	6	-4	-7	-2	1	1	-3
6	5	3	-2	-7	-1	-1	4
7	-2	-1	5	-6	3	-4	1



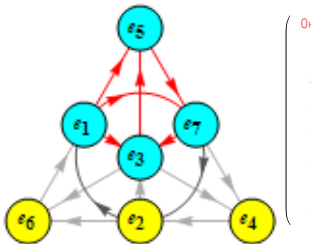
0→1	1	2	3	4	5	6	7
1	1	-7	4	3	6	5	-2
2	7	-1	5	-6	-3	4	-1
3	-4	-5	-1	1	2	7	-6
4	-3	6	-1	1	7	2	5
5	-6	3	-2	-7	-1	1	4
6	-5	-4	-7	-2	-1	1	-3
7	2	1	6	-5	-4	3	1

Split=5(1, 3, 6, 7) Flipped

Split=5(1, 3, 5, 7) Not Flipped



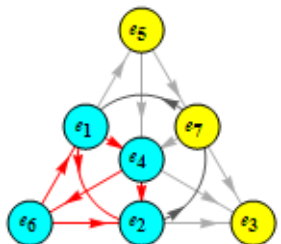
0→1	1	2	3	4	5	6	7
1	1	7	4	3	6	5	2
2	-7	-1	6	-5	4	-3	1
3	-4	-6	1	-1	7	-2	5
4	-3	5	1	-1	-2	7	-6
5	-6	-4	-7	2	-1	1	3
6	-5	3	2	-7	-1	1	-4
7	-2	-1	-5	6	-3	4	1



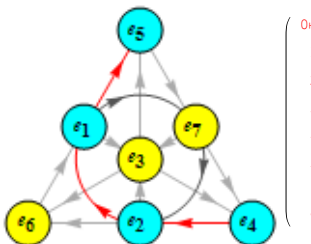
0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	-6	-5	-2
2	7	-1	5	-6	-3	4	-1
3	4	-5	1	1	-2	7	6
4	3	6	-1	-1	7	-2	-5
5	6	3	2	-7	1	1	-4
6	5	-4	-7	2	-1	-1	3
7	2	1	-6	5	4	-3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



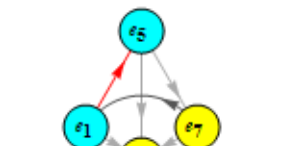
0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	6	5	-2
2	7	1	6	5	4	3	1
3	4	-6	-1	-1	7	2	-5
4	3	-5	1	1	-2	-7	-6
5	-6	-4	-7	2	-1	1	3
6	-5	-3	-2	7	-1	1	4
7	2	-1	5	6	-3	-4	-1



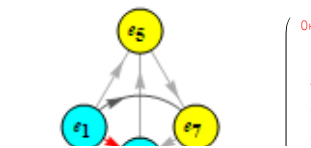
0→1	1	2	3	4	5	6	7
1	1	7	4	3	-6	-5	2
2	-7	1	5	6	3	4	-1
3	-4	-5	-1	1	2	7	-6
4	-3	-6	-1	1	-7	-2	-5
5	6	-3	-2	7	1	1	4
6	5	-4	-7	2	-1	-1	3
7	-2	1	6	5	-4	-3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped

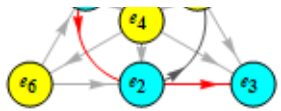


0→1	1	2	3	4	5	6	7
1	1	-7	4	3	-6	-5	-2
2	7	1	-6	-5	-4	-3	1
3	-4	6	1	-1	-7	2	-5
4	-3	5	1	-1	-2	7	-6

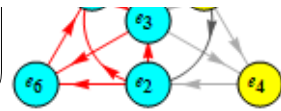


0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	6	5	2
2	-7	1	-5	-6	-3	-4	-1
3	4	5	1	1	2	-7	-6
4	3	6	-1	-1	7	-2	-5





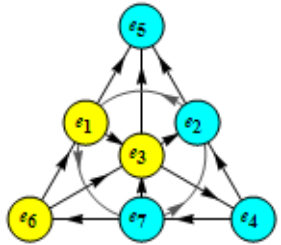
5	6	4	7	2	1	3
6	5	3	-2	-7	-1	4
7	2	-1	5	6	-3	-4



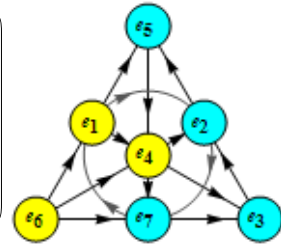
5	-6	3	-2	-7	-1	4
6	-5	4	7	2	-1	3
7	-2	1	6	5	-4	-3

BB45 Flip  $\{(1, 7, 2), (1, 3, 4), (1, 5, 6), (2, 6, 3), (2, 5, 4), (3, 5, 7), (4, 7, 6)\}$

No Flip  $\{(1, 2, 7), (1, 4, 3), (1, 5, 6), (2, 5, 3), (2, 6, 4), (3, 6, 7), (4, 7, 5)\}$



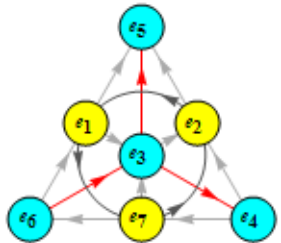
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	-1	-6	-5	4	3	-1
3	-4	6	-1	1	7	-2	-5
4	3	5	-1	-1	-2	-7	6
5	-6	-4	-7	2	-1	1	3
6	5	-3	2	7	-1	-1	-4
7	-2	1	5	-6	-3	4	-1



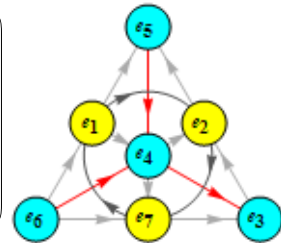
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	-1	-5	-6	3	4	1
3	4	5	-1	-1	-2	7	-6
4	-3	6	1	-1	-7	-2	5
5	-6	-3	2	7	-1	1	-4
6	5	-4	-7	2	-1	-1	3
7	2	-1	6	-5	4	-3	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



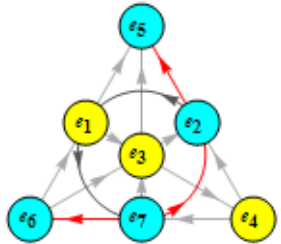
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	-1	-6	-5	4	3	-1
3	-4	6	1	-1	-7	2	-5
4	3	5	1	2	7	6	
5	-6	-4	7	2	1	1	3
6	5	-3	-2	7	1		-4
7	-2	1	5	-6	-3	4	-1



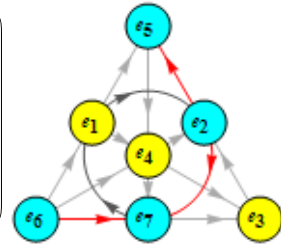
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	-1	-5	-6	3	4	1
3	4	5	1	1	2	-7	-6
4	-3	6	-1	1	7	2	5
5	-6	-3	2	7	1	1	-4
6	5	-4	7	-2	1		3
7	2	-1	6	-5	4	-3	-1

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



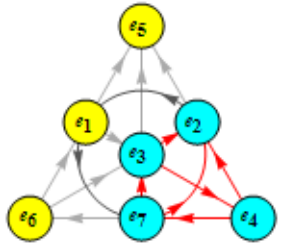
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	1	-6	-5	-4	-3	1
3	-4	6	-1	1	7	-2	-5
4	3	5	-1	-1	-2	-7	6
5	-6	-4	-7	2	1	1	3
6	5	-3	-2	7	1	1	-4
7	-2	1	5	-6	-3	4	-1



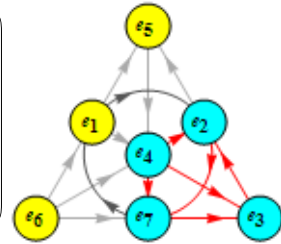
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	1	-5	-6	-3	-4	1
3	4	5	-1	-1	-2	7	-6
4	-3	6	1	-1	-7	-2	5
5	-6	-3	2	7	1	1	-4
6	5	-4	7	-2	1	1	-3
7	2	1	6	-5	4	-3	-1

Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



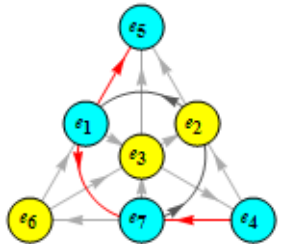
0→1	1	2	3	4	5	6	7
1	-1	-7	4	-3	6	-5	2
2	7	1	6	5	4	3	1
3	-4	6	1	-1	7	-2	5
4	3	5	1	1	-2	-7	-6
5	-6	-4	-7	2	-1	1	3
6	5	-3	2	7	-1	-1	-4
7	-2	1	5	-6	-3	4	1



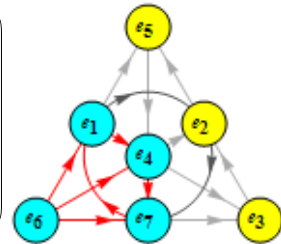
0→1	1	2	3	4	5	6	7
1	-1	7	-4	3	6	-5	-2
2	-7	1	5	6	3	4	-1
3	4	5	1	1	-2	7	6
4	-3	6	-1	1	-7	-2	-5
5	-6	-3	2	7	-1	1	-4
6	5	-4	-7	2	-1	-1	3
7	2	1	6	-5	4	-3	1

Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 5, 7) Not Flipped



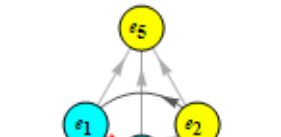
0→1	1	2	3	4	5	6	7
1	1	-7	4	3	-6	-5	2
2	7	-1	-6	-5	4	3	-1
3	-4	6	-1	1	7	-2	-5
4	-3	5	-1	1	2	-7	-6
5	6	-4	-7	2	1	1	-3
6	5	-3	2	7	-1	-1	-4
7	2	1	5	6	3	4	1



0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	6	5	2
2	-7	-1	-5	-6	3	4	1
3	4	5	-1	-1	-2	7	-6
4	3	6	1	1	-7	2	-5
5	-6	-3	2	7	-1	1	-4
6	-5	-4	-7	-2	-1	1	-3
7	-2	-1	6	5	4	3	1

Split=5(1, 3, 6, 7) Flipped

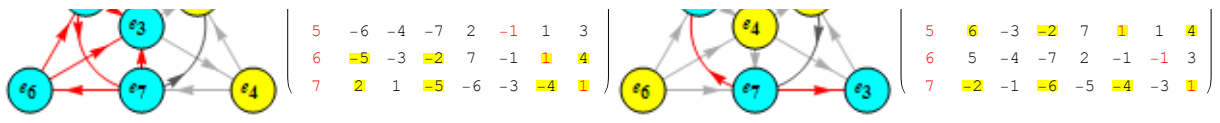
Split=5(1, 3, 6, 7) Not Flipped



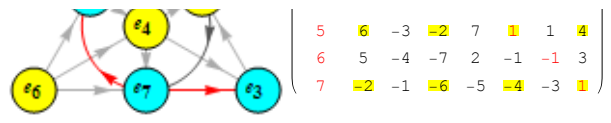
0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	6	5	2
2	7	-1	-6	-5	4	3	-1
3	4	6	1	1	7	2	5
4	3	5	-1	-1	-2	-7	6



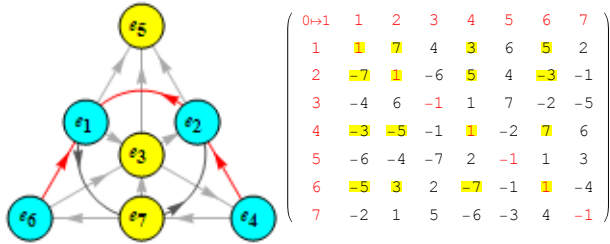
0→1	1	2	3	4	5	6	7
1	1	7	4	3	-6	-5	2
2	-7	-1	-5	-6	3	4	1
3	4	5	-1	-1	-2	7	-6
4	-3	6	1	-1	2	7	6
5	-6	-3	2	7	-1	1	-4
6	-5	-4	-7	-2	-1	1	-3
7	-2	-1	6	5	4	3	1



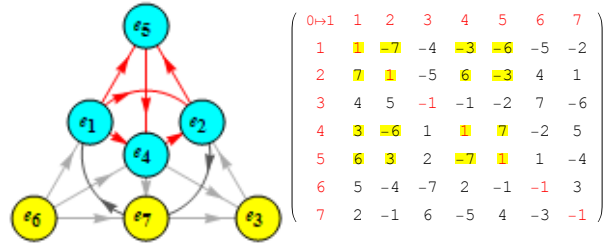
Split=6(1, 2, 4, 6) Flipped



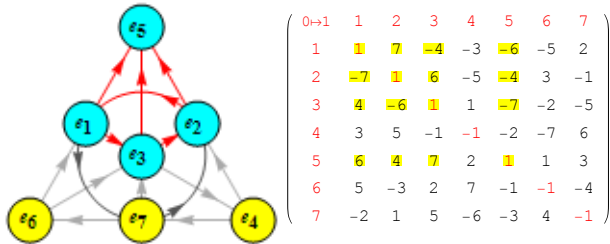
Split=6(1, 2, 4, 5) Not Flipped



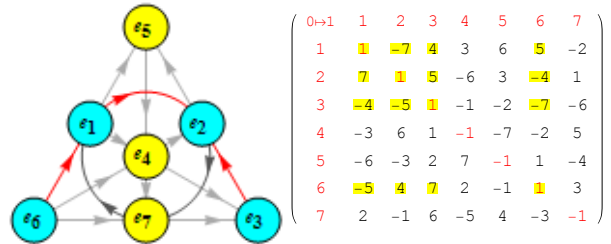
Split=7(1, 2, 3, 5) Flipped



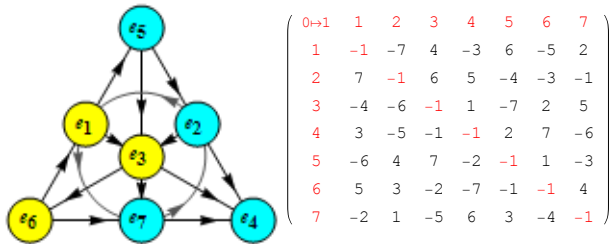
Split=7(1, 2, 3, 6) Not Flipped



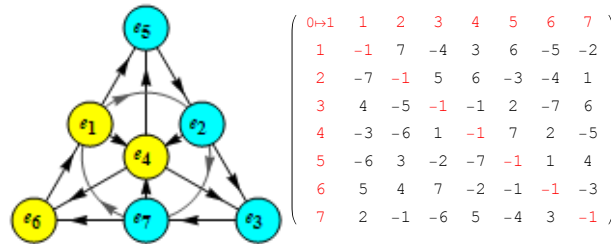
EBH199 Flip {(1, 7, 2), (1, 3, 4), (1, 5, 6), (2, 3, 6), (2, 4, 5), (3, 7, 5), (4, 6, 7)}



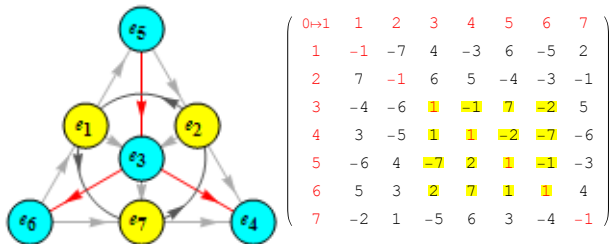
No Flip {(1, 2, 7), (1, 4, 3), (1, 5, 6), (2, 3, 5), (2, 4, 6), (3, 7, 6), (4, 5, 7)}



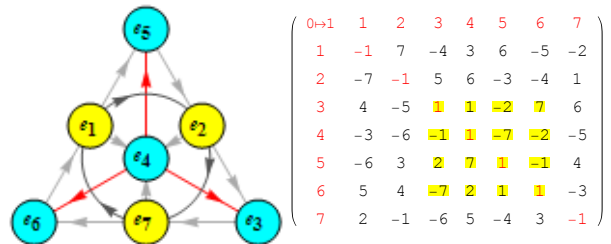
Split=1(3, 4, 5, 6) Flipped



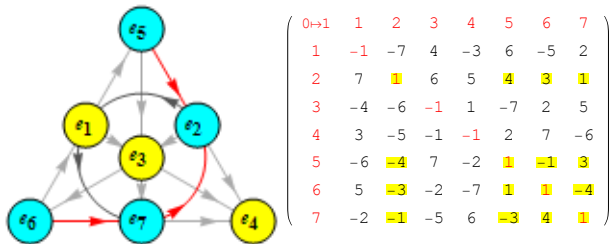
Split=1(3, 4, 5, 6) Not Flipped



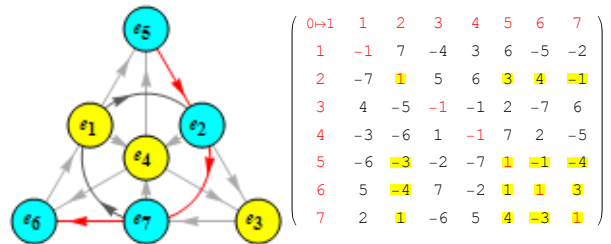
Split=2(2, 5, 6, 7) Flipped



Split=2(2, 5, 6, 7) Not Flipped

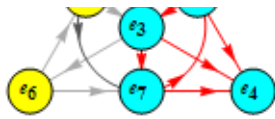


Split=3(2, 3, 4, 7) Flipped

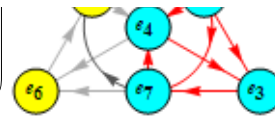


Split=3(2, 3, 4, 7) Not Flipped





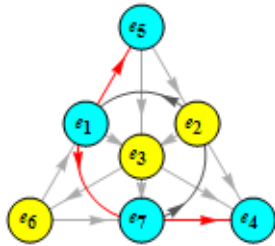
5	-6	4	7	-2	-1	1	-3
6	5	3	-2	-7	-1	-1	4
7	-2	-1	5	-6	3	-4	1



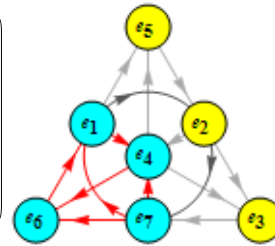
5	-6	3	-2	-7	-1	1	4
6	5	4	7	-2	-1	-1	-3
7	2	1	6	-5	-4	3	1

Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



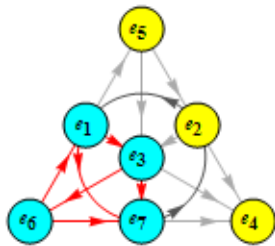
0→1	1	2	3	4	5	6	7
1	1	-7	4	3	-6	-5	-2
2	7	-1	6	5	-4	-3	-1
3	-4	-6	-1	1	-7	2	5
4	-3	-5	-1	1	-2	7	6
5	6	4	7	2	1	1	3
6	5	3	-2	-7	-1	-1	4
7	2	1	-5	-6	-3	-4	1



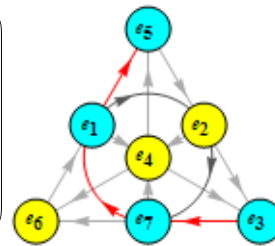
0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	6	5	2
2	-7	-1	5	6	-3	-4	1
3	4	-5	-1	-1	2	-7	6
4	3	-6	1	1	7	-2	5
5	-6	3	-2	-7	-1	1	4
6	-5	4	7	2	-1	1	3
7	-2	-1	-6	-5	-4	-3	1

Split=5(1, 3, 6, 7) Flipped

Split=5(1, 3, 5, 7) Not Flipped



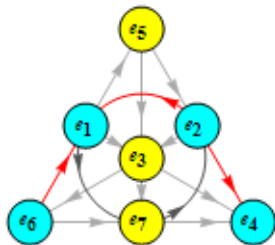
0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	6	5	-2
2	7	-1	6	5	-4	-3	-1
3	4	-6	1	1	-7	-2	-5
4	3	-5	-1	-1	2	7	-6
5	-6	4	7	-2	-1	1	-3
6	-5	3	2	-7	-1	1	-4
7	2	1	5	6	3	4	1



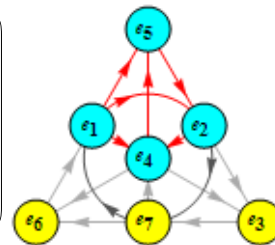
0→1	1	2	3	4	5	6	7
1	1	7	4	3	-6	-5	2
2	-7	-1	5	6	-3	-4	1
3	-4	-5	1	-1	-2	-7	-6
4	-3	-6	1	-1	7	2	-5
5	6	3	2	-7	1	1	-4
6	5	4	7	-2	-1	-1	-3
7	-2	-1	6	5	4	3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



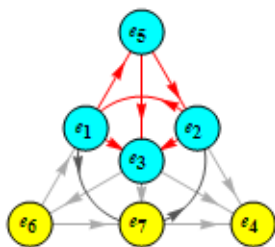
0→1	1	2	3	4	5	6	7
1	1	7	4	3	6	5	2
2	-7	1	6	-5	-4	3	-1
3	-4	-6	-1	1	-7	2	5
4	-3	-5	-1	1	2	-7	-6
5	-6	4	7	-2	-1	1	-3
6	-5	-3	-2	7	-1	1	4
7	-2	1	-5	6	3	-4	-1



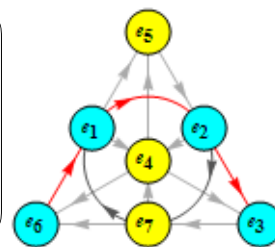
0→1	1	2	3	4	5	6	7
1	1	-7	-4	-3	-6	-5	-2
2	7	1	5	-6	3	-4	1
3	4	-5	-1	-1	-2	-7	6
4	3	-6	1	1	-7	2	-5
5	6	-3	-2	7	1	1	4
6	5	4	7	-2	-1	-1	-3
7	2	-1	-6	5	-4	3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



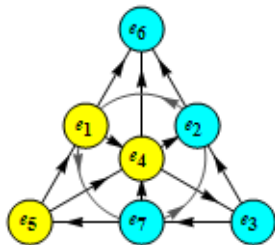
0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	-6	-5	2
2	-7	1	-6	5	4	-3	-1
3	4	6	1	1	7	2	5
4	3	-5	-1	-1	2	7	-6
5	6	-4	-7	-2	1	1	-3
6	5	3	-2	-7	-1	-1	4
7	-2	1	-5	6	3	-4	-1



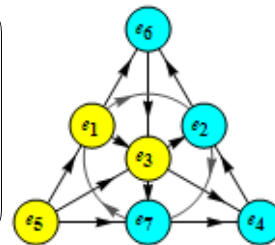
0→1	1	2	3	4	5	6	7
1	1	-7	4	3	6	5	-2
2	7	1	-5	-6	-3	-4	1
3	-4	5	1	-1	2	7	6
4	-3	-6	1	-1	7	2	-5
5	-6	3	-2	-7	-1	1	4
6	-5	-4	-7	-2	-1	1	-3
7	2	-1	-6	5	-4	3	-1

EBN44 Flip {(1, 7, 2), (1, 4, 3), (1, 6, 5), (2, 6, 3), (2, 5, 4), (3, 7, 5), (4, 6, 7)}

No Flip {(1, 2, 7), (1, 3, 4), (1, 6, 5), (2, 5, 3), (2, 6, 4), (3, 7, 6), (4, 5, 7)}



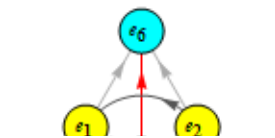
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	-1	-6	-5	4	3	-1
3	4	6	-1	-1	-7	-2	5
4	-3	5	1	-1	-2	7	-6
5	6	-4	7	2	-1	-1	-3
6	-5	-3	2	-7	1	-1	4
7	-2	1	-5	6	3	-4	-1



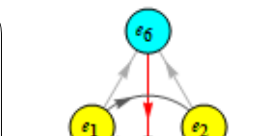
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	-1	-5	-6	3	4	1
3	-4	5	-1	1	-2	-7	6
4	3	6	-1	-1	7	-2	-5
5	6	-3	2	-7	-1	-1	4
6	-5	-4	7	2	1	-1	-3
7	2	-1	-6	5	-4	3	-1

Split=1(3, 4, 5, 6) Flipped

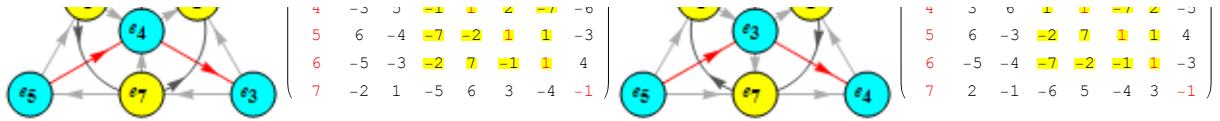
Split=1(3, 4, 5, 6) Not Flipped



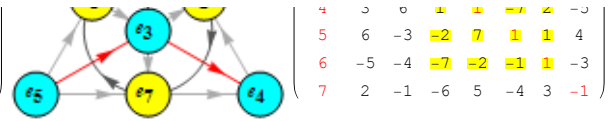
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	-1	-6	-5	4	3	-1
3	4	6	1	1	7	2	5
4	-3	5	1	-1	-2	7	-6
5	6	-4	7	2	-1	-1	-3
6	-5	-3	2	-7	1	-1	4
7	-2	1	-5	6	3	-4	-1



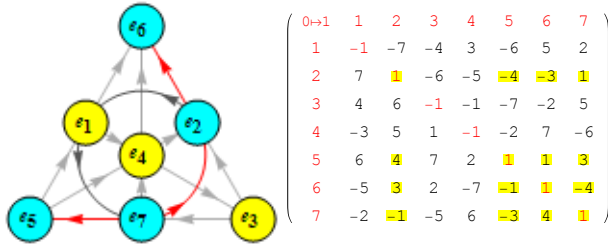
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	-1	-5	-6	3	4	1
3	-4	5	1	-1	2	7	6
4	-3	-6	1	-1	7	2	-5
5	6	-3	2	-7	-1	-1	4
6	-5	-4	7	2	1	-1	-3
7	2	-1	-6	5	-4	3	-1



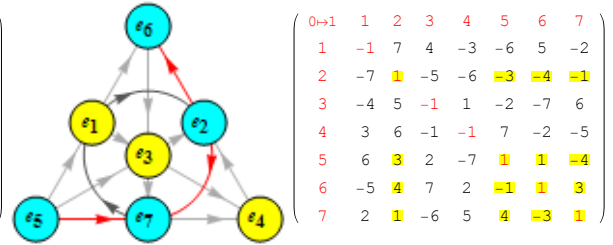
Split=2(2, 5, 6, 7) Flipped



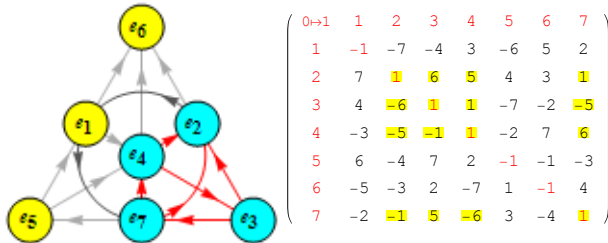
Split=2(2, 5, 6, 7) Not Flipped



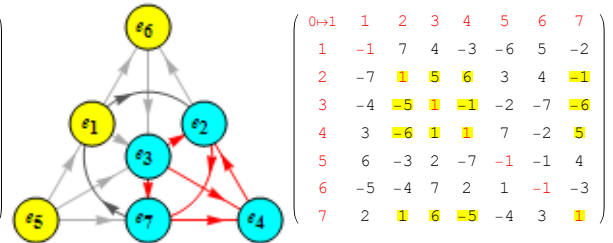
Split=3(2, 3, 4, 7) Flipped



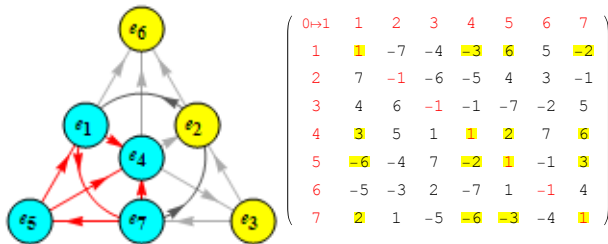
Split=3(2, 3, 4, 7) Not Flipped



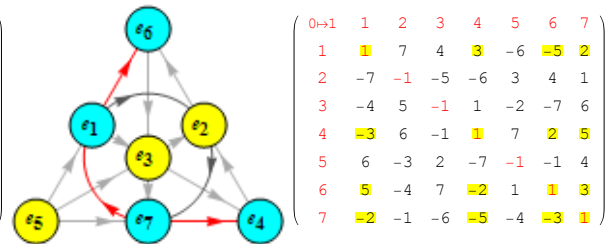
Split=3(2, 3, 4, 7) Flipped



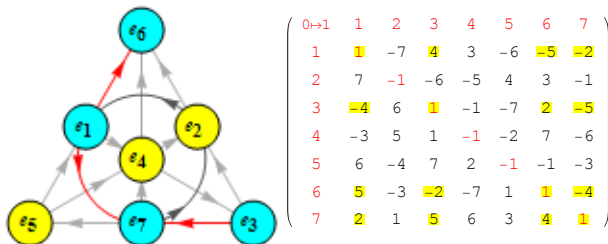
Split=3(2, 3, 4, 7) Not Flipped



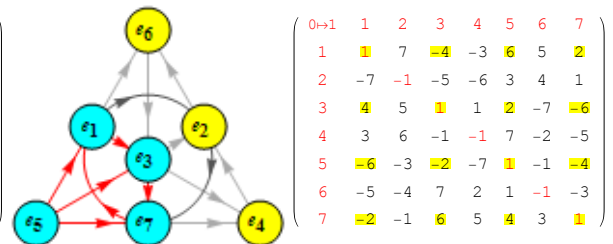
Split=4(1, 4, 5, 7) Flipped



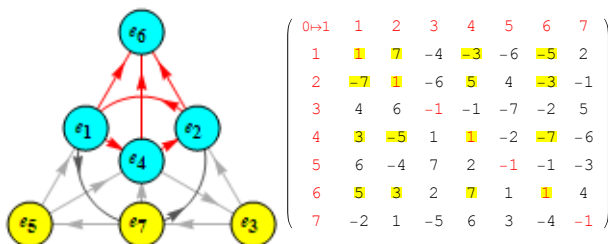
Split=4(1, 4, 5, 7) Not Flipped



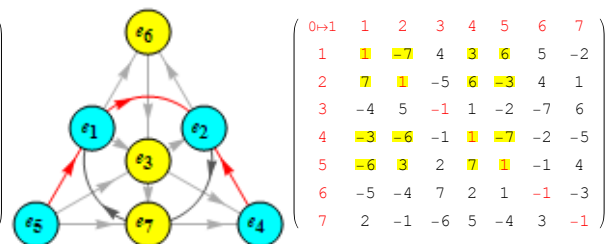
Split=5(1, 3, 6, 7) Flipped



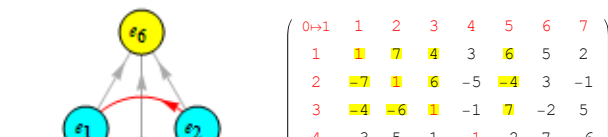
Split=5(1, 3, 6, 7) Not Flipped



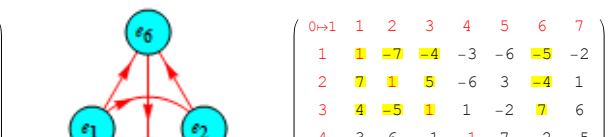
Split=6(1, 2, 4, 6) Flipped



Split=6(1, 2, 4, 6) Not Flipped



Split=7(1, 2, 3, 5) Flipped



Split=7(1, 2, 3, 5) Not Flipped



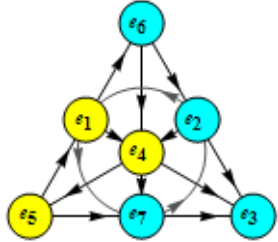
5	-6	4	-7	2	1	-1	-3
6	-5	-3	2	-7	1	-1	4
7	-2	1	-5	6	3	-4	-1



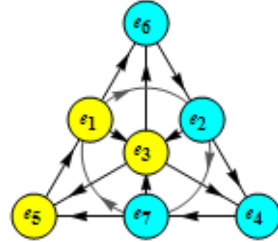
5	6	-3	2	-7	-1	-1	4
6	5	4	-7	2	1	1	-3
7	2	-1	-6	5	-4	3	-1

EBH200 Flip  $\{(1, 7, 2), (1, 4, 3), (1, 6, 5), (2, 3, 6), (2, 4, 5), (3, 5, 7), (4, 7, 6)\}$

No Flip  $\{(1, 2, 7), (1, 3, 4), (1, 6, 5), (2, 3, 5), (2, 4, 6), (3, 6, 7), (4, 7, 5)\}$



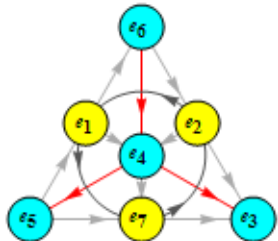
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	-1	6	5	-4	-3	-1
3	4	-6	-1	-1	7	2	-5
4	-3	-5	1	-1	2	-7	6
5	6	4	-7	-2	-1	1	3
6	-5	3	-2	7	1	-1	-4
7	-2	1	5	-6	-3	4	-1



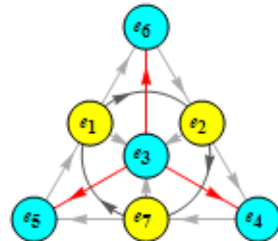
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	-1	5	6	-3	-4	1
3	-4	-5	-1	1	2	7	-6
4	3	-6	-1	-1	-7	2	5
5	6	3	-2	7	-1	-1	-4
6	-5	4	-7	-2	1	-1	3
7	2	-1	6	-5	4	-3	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



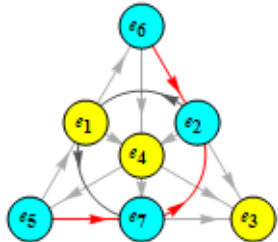
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	-1	6	5	-4	-3	-1
3	4	-6	1	1	-7	-2	-5
4	-3	-5	-1	1	-2	7	6
5	6	4	7	2	1	1	3
6	-5	3	2	-7	-1	1	-4
7	-2	1	5	-6	-3	4	-1



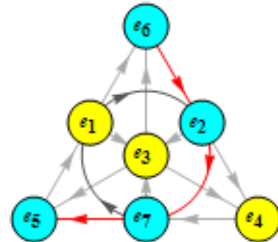
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	-1	5	6	-3	-4	1
3	-4	-5	1	-1	-2	-7	-6
4	3	-6	1	1	7	-2	5
5	6	3	2	-7	1	1	-4
6	-5	4	7	2	-1	1	3
7	2	-1	6	-5	4	-3	-1

Split=2(2, 5, 6, 7) Flipped

Split=2(2, 5, 6, 7) Not Flipped



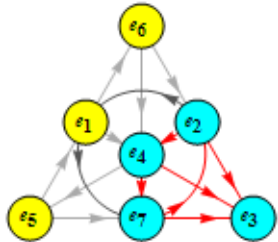
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	1	6	5	4	3	1
3	4	-6	-1	-1	7	2	-5
4	-3	-5	1	-1	2	-7	6
5	6	-4	-7	-2	1	1	3
6	-5	-3	-2	7	-1	1	4
7	-2	-1	5	-6	3	-4	1



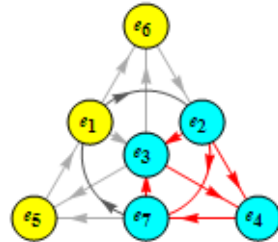
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	1	5	6	3	4	-1
3	-4	-5	-1	1	2	7	-6
4	3	-6	-1	-1	-7	2	5
5	6	-3	-2	7	-1	1	4
6	-5	-4	-7	-2	-1	1	3
7	2	1	6	-5	-4	3	1

Split=3(2, 3, 4, 7) Flipped

Split=3(2, 3, 4, 7) Not Flipped



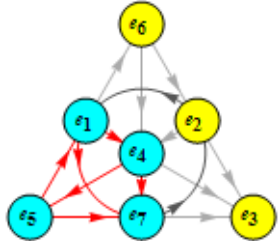
0→1	1	2	3	4	5	6	7
1	-1	-7	-4	3	-6	5	2
2	7	1	-6	5	-4	-3	1
3	4	6	1	1	7	2	5
4	-3	5	-1	1	2	-7	-6
5	6	4	-7	-2	-1	-1	3
6	-5	3	-2	7	1	-1	-4
7	-2	-1	-5	6	-3	4	1



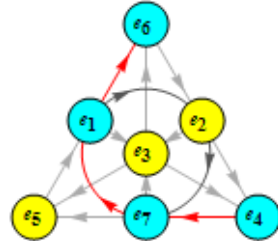
0→1	1	2	3	4	5	6	7
1	-1	7	4	-3	-6	5	-2
2	-7	1	-5	6	-3	-4	-1
3	-4	5	1	-1	2	7	6
4	3	6	1	1	-7	2	-5
5	6	3	-2	7	-1	-1	-4
6	-5	4	-7	-2	1	-1	3
7	2	1	-6	5	4	-3	1

Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 5, 7) Not Flipped



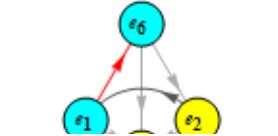
0→1	1	2	3	4	5	6	7
1	1	-7	-4	3	-6	5	-2
2	7	-1	6	5	-4	-3	-1
3	4	-6	-1	-1	7	2	-5
4	3	-5	1	1	-2	-7	-6
5	-6	4	-7	2	1	-1	-3
6	-5	3	-2	7	1	-1	-4
7	2	1	5	6	3	4	1



0→1	1	2	3	4	5	6	7
1	1	7	4	3	-6	-5	2
2	-7	-1	5	6	-3	-4	1
3	-4	-5	-1	1	2	7	-6
4	-3	-6	-1	1	-7	-2	-5
5	6	3	-2	7	-1	-1	-4
6	5	4	-7	2	1	1	-3
7	-2	-1	6	5	4	3	1

Split=5(1, 3, 6, 7) Flipped

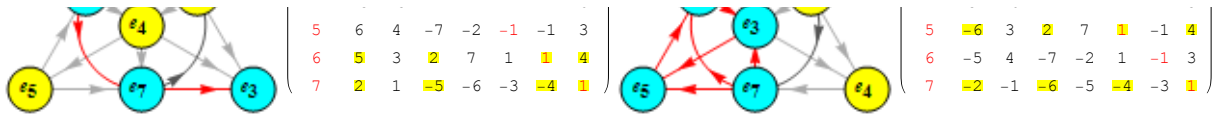
Split=5(1, 3, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-7	4	3	-6	-5	-2
2	7	-1	6	5	-4	-3	-1
3	-4	-6	1	-1	7	-2	5
4	-3	-5	1	-1	2	-7	6

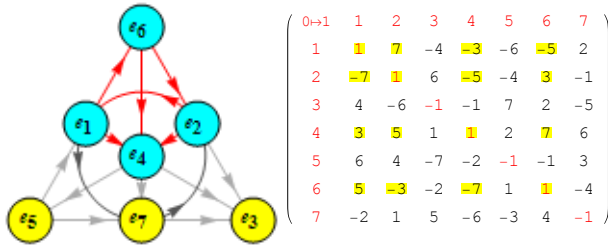


0→1	1	2	3	4	5	6	7
1	1	7	-4	-3	6	5	2
2	-7	-1	5	6	-3	-4	1
3	-4	-5	1	1	-2	7	6
4	3	-6	-1	-1	-7	2	5



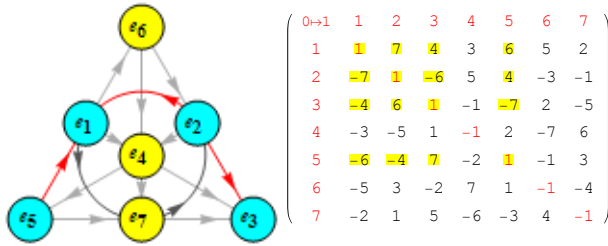
Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



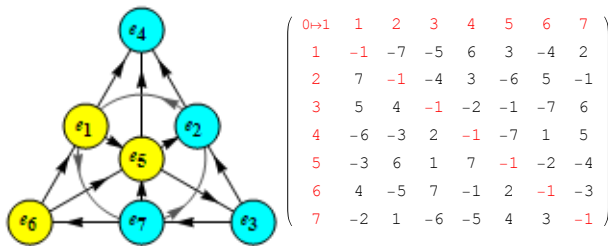
Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



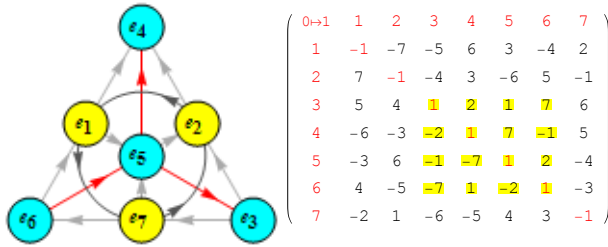
EBH12 Flip ((1, 7, 2), (1, 5, 3), (1, 4, 6), (2, 4, 3), (2, 6, 5), (3, 7, 6), (4, 7, 5))

No Flip ((1, 2, 7), (1, 6, 3), (1, 4, 5), (2, 3, 4), (2, 6, 5), (3, 7, 5), (4, 7, 6))



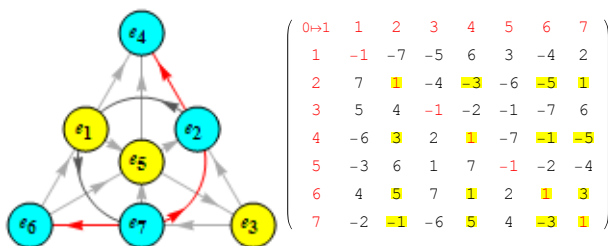
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



Split=2(2, 4, 6, 7) Flipped

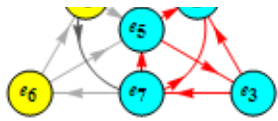
Split=2(2, 4, 5, 7) Not Flipped



Split=3(2, 3, 5, 7) Flipped

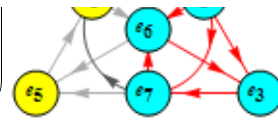
Split=3(2, 3, 6, 7) Not Flipped





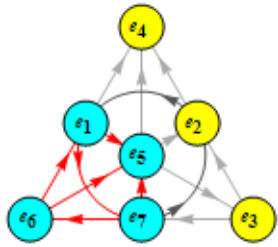
4	-7	-5	2	-1	-7	1	0
5	-3	<b>-6</b>	<b>-1</b>	7	<b>1</b>	-2	<b>4</b>
6	4	-5	7	-1	2	<b>-1</b>	-3
7	-2	<b>-1</b>	<b>6</b>	-5	<b>-4</b>	3	<b>1</b>

Split=4(1, 5, 6, 7) Flipped



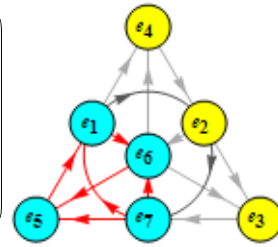
4	-7	-5	2	-1	-7	1	0
5	4	6	7	-1	<b>-1</b>	-2	-3
6	-3	<b>5</b>	<b>-1</b>	7	2	<b>1</b>	<b>4</b>
7	2	<b>1</b>	<b>5</b>	-6	3	<b>-4</b>	<b>1</b>

Split=4(1, 5, 6, 7) Not Flipped



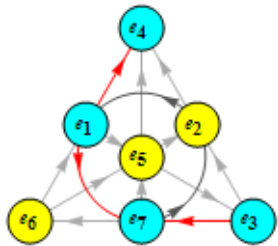
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	-5	6	<b>-3</b>	<b>4</b>	<b>-2</b>
2	7	<b>-1</b>	-4	3	-6	5	-1
3	5	4	<b>-1</b>	-2	-1	-7	6
4	-6	-3	2	<b>-1</b>	-7	1	5
5	<b>3</b>	6	1	7	<b>1</b>	<b>2</b>	<b>4</b>
6	<b>-4</b>	-5	7	-1	<b>-2</b>	<b>1</b>	<b>3</b>
7	<b>2</b>	1	-6	-5	<b>-4</b>	<b>-3</b>	<b>1</b>

Split=5(1, 3, 4, 7) Flipped



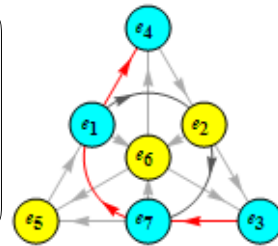
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	-6	5	<b>4</b>	<b>-3</b>	<b>2</b>
2	-7	<b>-1</b>	4	-3	-6	5	1
3	6	-4	<b>-1</b>	-2	-7	-1	5
4	-5	3	-2	<b>-1</b>	1	-7	6
5	<b>-4</b>	6	7	-1	<b>1</b>	<b>2</b>	<b>3</b>
6	<b>3</b>	-5	1	7	<b>-2</b>	<b>1</b>	<b>4</b>
7	<b>-2</b>	-1	-5	-6	<b>-3</b>	<b>-4</b>	<b>1</b>

Split=5(1, 3, 4, 7) Not Flipped



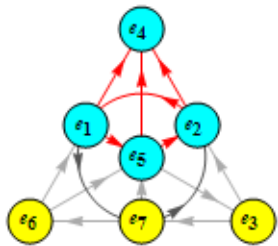
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	<b>5</b>	<b>-6</b>	3	-4	<b>-2</b>
2	7	<b>-1</b>	-4	3	-6	5	-1
3	<b>-5</b>	4	<b>1</b>	<b>2</b>	-1	-7	<b>-6</b>
4	<b>6</b>	-3	<b>-2</b>	<b>1</b>	-7	1	<b>-5</b>
5	-3	6	1	7	<b>-1</b>	-2	-4
6	4	-5	7	-1	2	<b>-1</b>	-3
7	<b>2</b>	1	<b>6</b>	<b>5</b>	4	3	<b>1</b>

Split=6(1, 2, 4, 5) Flipped



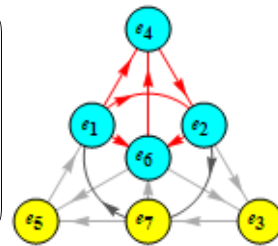
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	<b>6</b>	<b>-5</b>	-4	3	<b>2</b>
2	-7	<b>-1</b>	4	-3	-6	5	1
3	<b>-6</b>	-4	<b>1</b>	<b>-2</b>	-7	-1	<b>-5</b>
4	<b>5</b>	3	<b>2</b>	<b>1</b>	1	-7	<b>-6</b>
5	4	6	7	-1	<b>-1</b>	-2	-3
6	-3	-5	1	7	2	<b>-1</b>	-4
7	<b>-2</b>	-1	<b>5</b>	<b>6</b>	3	4	<b>1</b>

Split=6(1, 2, 4, 5) Not Flipped



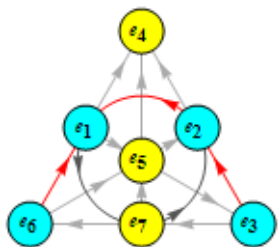
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>7</b>	-5	<b>-6</b>	<b>-3</b>	-4	2
2	<b>-7</b>	<b>1</b>	-4	<b>-3</b>	6	5	-1
3	5	4	<b>-1</b>	-2	-1	-7	6
4	<b>6</b>	<b>3</b>	2	<b>1</b>	7	1	5
5	<b>3</b>	<b>-6</b>	1	<b>-7</b>	<b>1</b>	-2	-4
6	4	-5	7	-1	2	<b>-1</b>	-3
7	-2	1	-6	-5	4	3	<b>-1</b>

Split=7(1, 2, 3, 6) Flipped



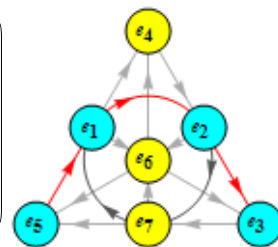
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	-6	<b>-5</b>	-4	<b>-3</b>	-2
2	<b>7</b>	<b>1</b>	4	<b>3</b>	-6	<b>-5</b>	1
3	6	-4	<b>-1</b>	2	-7	-1	5
4	<b>5</b>	<b>-3</b>	-2	<b>1</b>	1	<b>7</b>	6
5	4	6	7	-1	<b>-1</b>	-2	-3
6	<b>3</b>	<b>5</b>	1	<b>-7</b>	2	<b>1</b>	-4
7	2	-1	-5	-6	3	4	<b>-1</b>

Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>7</b>	<b>5</b>	6	3	<b>4</b>	2
2	<b>-7</b>	<b>1</b>	4	3	-6	<b>-5</b>	-1
3	<b>-5</b>	<b>-4</b>	<b>1</b>	-2	-1	<b>7</b>	6
4	-6	-3	2	<b>-1</b>	-7	1	5
5	-3	6	1	7	<b>-1</b>	-2	-4
6	<b>-4</b>	<b>5</b>	<b>-7</b>	-1	2	<b>1</b>	-3
7	-2	1	-6	-5	4	3	<b>-1</b>

Split=7(1, 2, 3, 6) Flipped

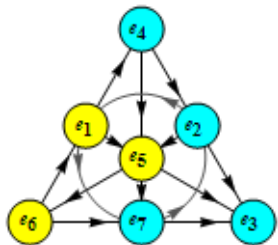


0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	6	5	<b>4</b>	3	-2
2	<b>7</b>	<b>1</b>	<b>-4</b>	-3	<b>6</b>	5	1
3	<b>-6</b>	<b>4</b>	<b>1</b>	2	<b>7</b>	-1	5
4	-5	3	-2	<b>-1</b>	1	-7	6
5	<b>-4</b>	<b>-6</b>	<b>-7</b>	-1	<b>1</b>	-2	-3
6	-3	-5	1	7	2	<b>-1</b>	-4
7	2	-1	-5	-6	3	4	<b>-1</b>

Split=7(1, 2, 3, 6) Not Flipped

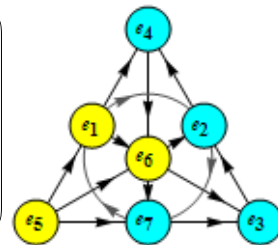
EBH241 Flip ((1, 7, 2), (1, 5, 3), (1, 4, 6), (2, 3, 4), (2, 5, 6), (3, 6, 7), (4, 5, 7))

No Flip ((1, 2, 7), (1, 6, 3), (1, 4, 5), (2, 4, 3), (2, 5, 6), (3, 5, 7), (4, 6, 7))



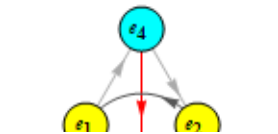
0→1	1	2	3	4	5	6	7
1	-1	-7	-5	6	3	-4	2
2	7	<b>-1</b>	4	-3	6	-5	-1
3	5	-4	<b>-1</b>	2	-1	7	-6
4	-6	3	-2	<b>-1</b>	7	1	-5
5	-3	-6	1	-7	<b>-1</b>	2	4
6	4	5	-7	-1	-2	<b>-1</b>	3
7	-2	1	6	5	-4	-3	<b>-1</b>

Split=1(3, 4, 5, 6) Flipped

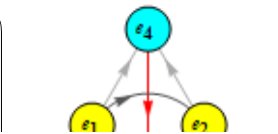


0→1	1	2	3	4	5	6	7
1	-1	7	-6	5	-4	3	-2
2	-7	<b>-1</b>	-4	3	6	-5	1
3	6	4	<b>-1</b>	-2	7	-1	-5
4	-5	-3	2	<b>-1</b>	1	7	-6
5	4	-6	-7	-1	<b>-1</b>	2	3
6	-3	5	1	-7	-2	<b>-1</b>	4
7	2	-1	5	6	-3	-4	<b>-1</b>

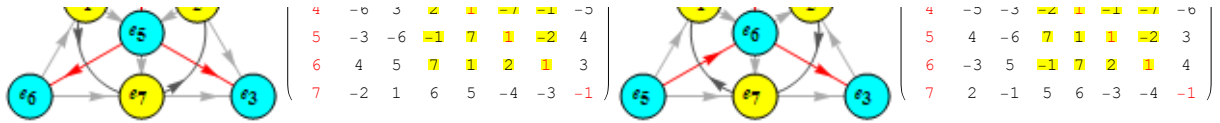
Split=1(3, 4, 5, 6) Not Flipped



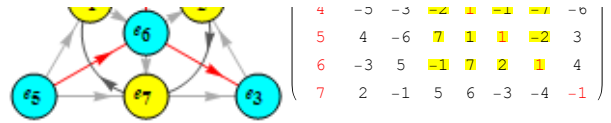
0→1	1	2	3	4	5	6	7
1	-1	-7	-5	6	3	-4	2
2	7	<b>-1</b>	4	-3	6	-5	-1
3	5	-4	<b>1</b>	<b>-2</b>	<b>1</b>	<b>-7</b>	-6
4	-6	3	-2	<b>-1</b>	7	1	-5
5	-3	-6	1	-7	<b>-1</b>	2	4
6	4	5	-7	-1	-2	<b>-1</b>	3
7	-2	1	6	5	-4	-3	<b>-1</b>



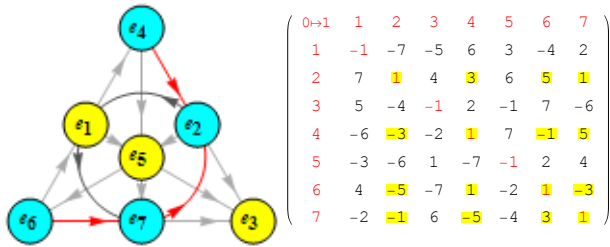
0→1	1	2	3	4	5	6	7
1	-1	7	-6	5	-4	3	-2
2	-7	<b>-1</b>	-4	3	6	-5	1
3	6	4	<b>1</b>	<b>-2</b>	<b>-7</b>	<b>1</b>	-5
4	-5	-3	2	<b>-1</b>	1	7	-6
5	4	-6	-7	-1	<b>-1</b>	2	3
6	-3	5	1	-7	-2	<b>-1</b>	4
7	2	-1	5	6	-3	-4	<b>-1</b>



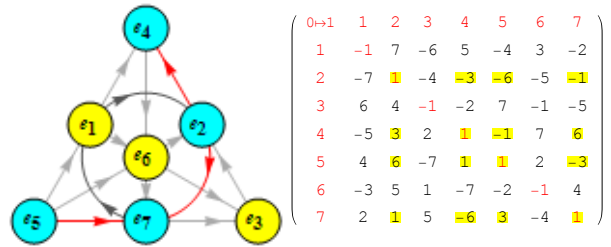
Split=2(2, 4, 6, 7) Flipped



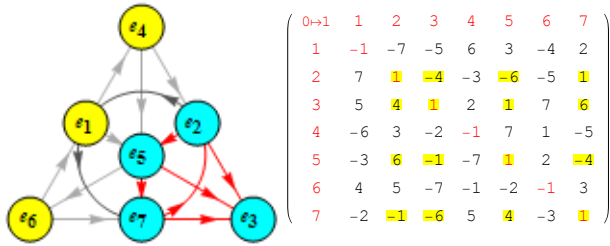
Split=2(2, 4, 5, 7) Not Flipped



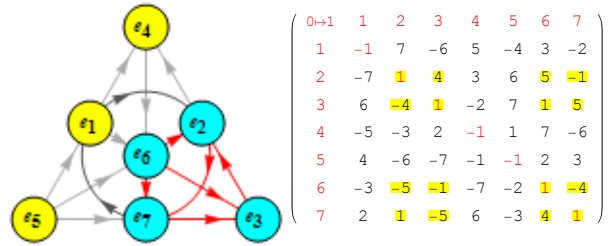
Split=3(2, 3, 5, 7) Flipped



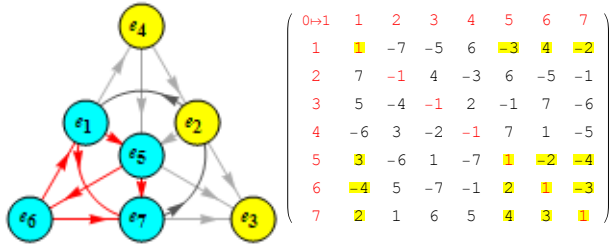
Split=3(2, 3, 6, 7) Not Flipped



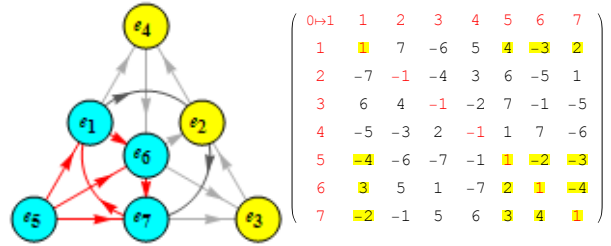
Split=4(1, 5, 6, 7) Flipped



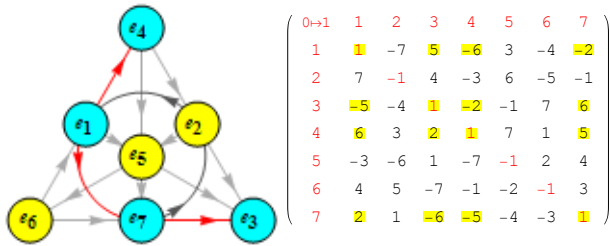
Split=4(1, 5, 6, 7) Not Flipped



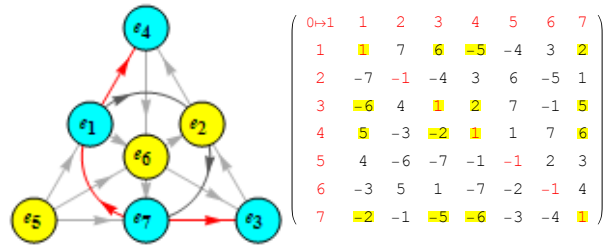
Split=5(1, 3, 4, 7) Flipped



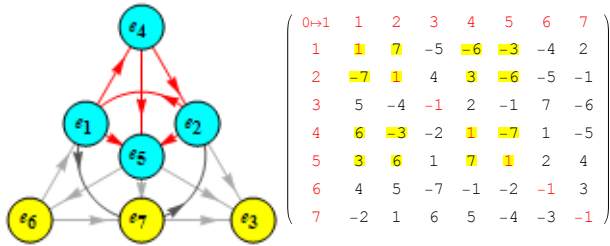
Split=5(1, 3, 4, 7) Not Flipped



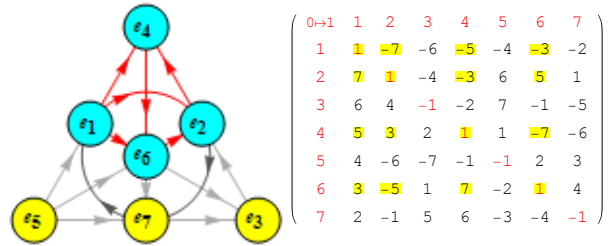
Split=6(1, 2, 4, 5) Flipped



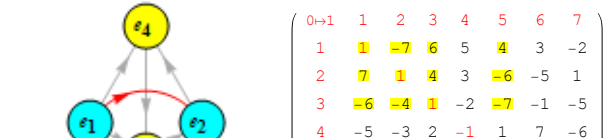
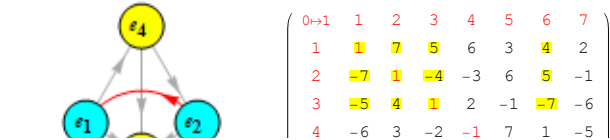
Split=6(1, 2, 4, 6) Not Flipped



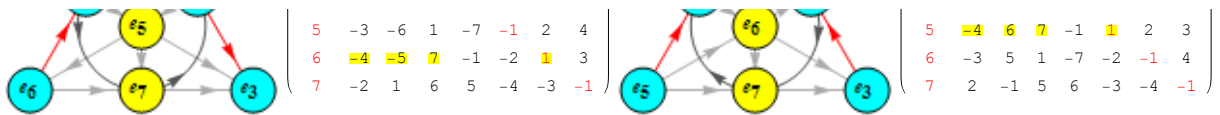
Split=7(1, 2, 3, 6) Flipped



Split=7(1, 2, 3, 5) Not Flipped

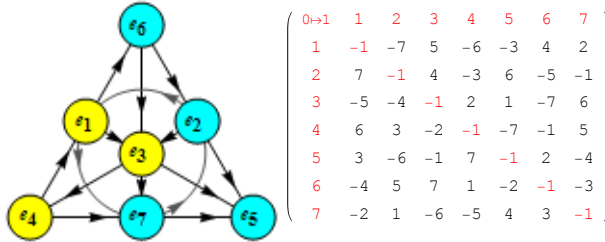




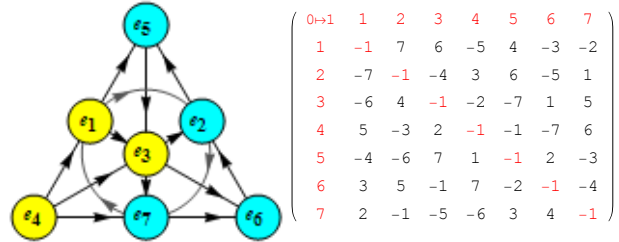


EB8132 Flip  $\{(1, 7, 2), (1, 3, 5), (1, 6, 4), (2, 3, 4), (2, 5, 6), (3, 7, 6), (4, 7, 5)\}$

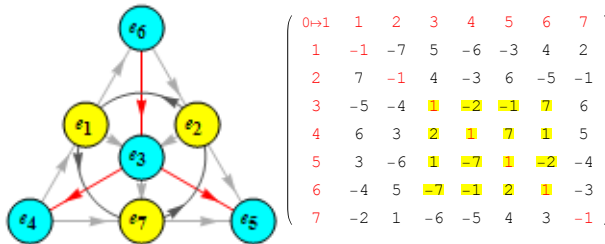
No Flip  $\{(1, 2, 7), (1, 3, 6), (1, 5, 4), (2, 4, 3), (2, 5, 6), (3, 7, 5), (4, 7, 6)\}$



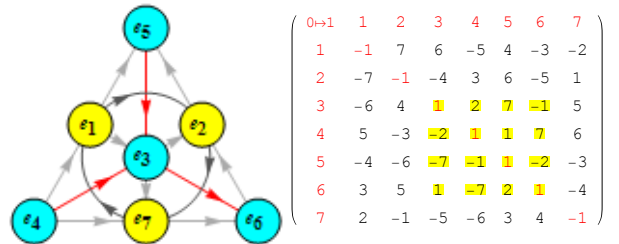
Split=1(3, 4, 5, 6) Flipped



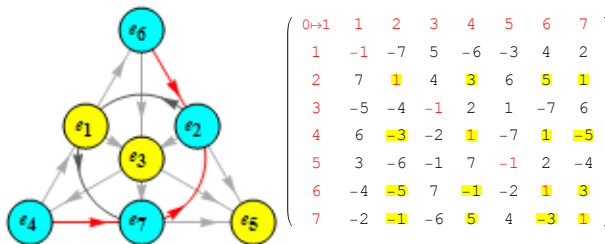
Split=1(3, 4, 5, 6) Not Flipped



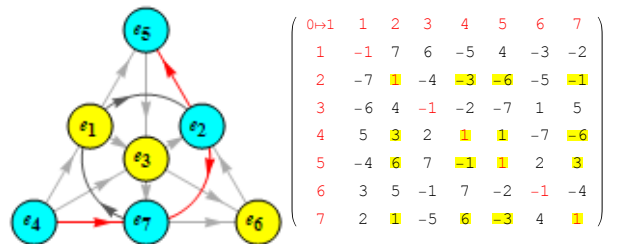
Split=2(2, 4, 6, 7) Flipped



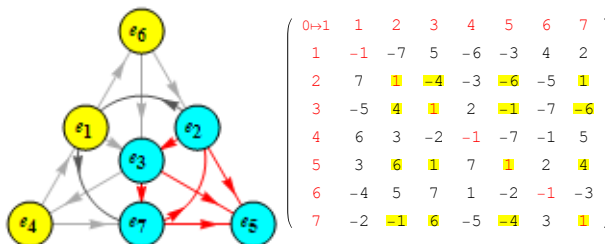
Split=2(2, 4, 6, 7) Not Flipped



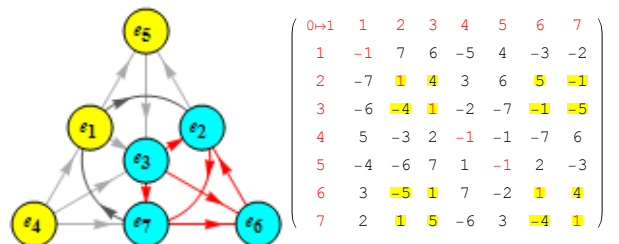
Split=3(2, 3, 5, 7) Flipped



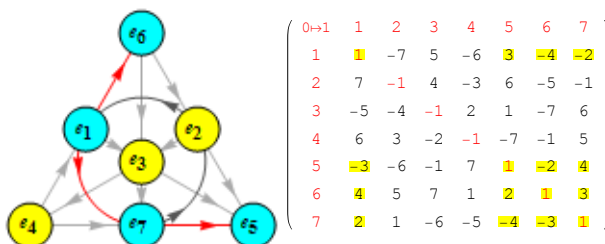
Split=3(2, 3, 5, 7) Not Flipped



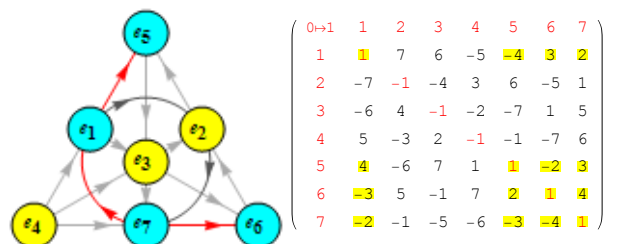
Split=4(1, 5, 6, 7) Flipped



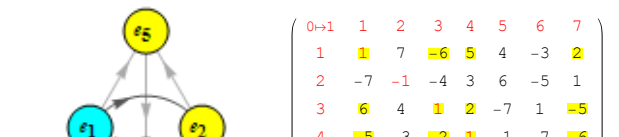
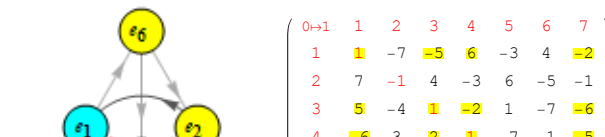
Split=4(1, 5, 6, 7) Not Flipped

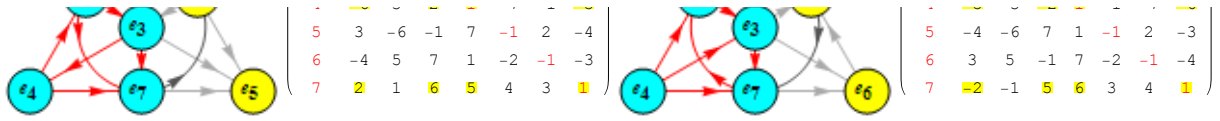


Split=5(1, 3, 4, 7) Flipped



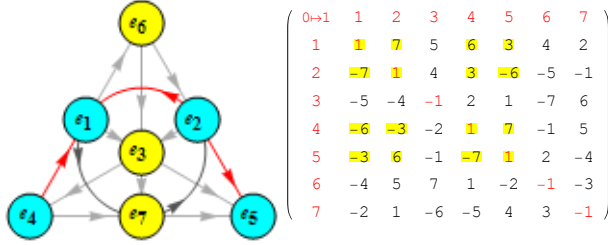
Split=5(1, 3, 4, 7) Not Flipped





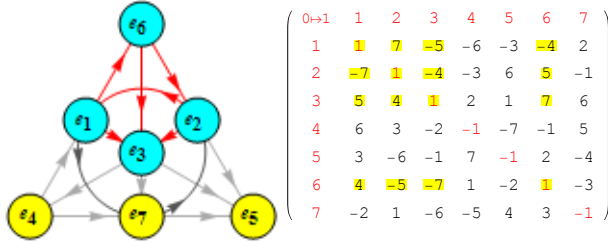
Split=6(1, 2, 4, 5) Flipped

Split=6(1, 2, 4, 6) Not Flipped

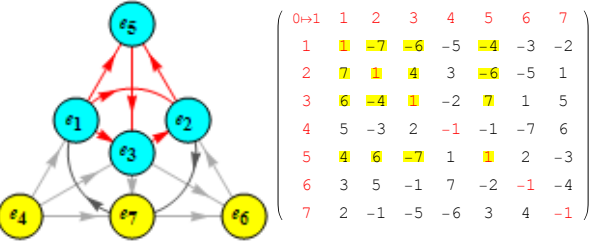


Split=7(1, 2, 3, 6) Flipped

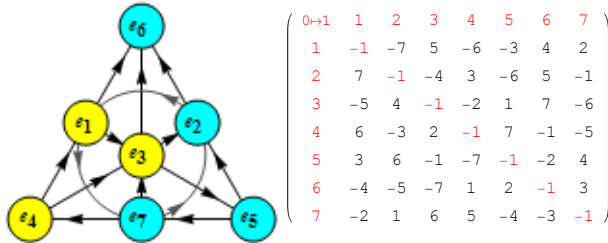
Split=7(1, 2, 3, 5) Not Flipped



EB235 Flip ((1, 7, 2), (1, 3, 5), (1, 6, 4), (2, 4, 3), (2, 6, 5), (3, 6, 7), (4, 5, 7))

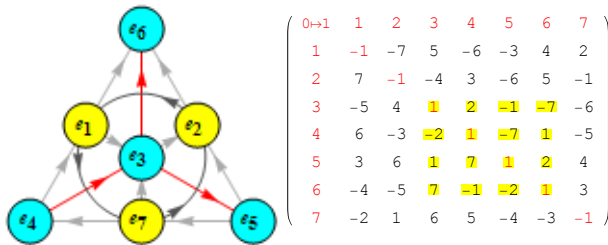


No Flip ((1, 2, 7), (1, 3, 6), (1, 5, 4), (2, 3, 4), (2, 6, 5), (3, 5, 7), (4, 6, 7))



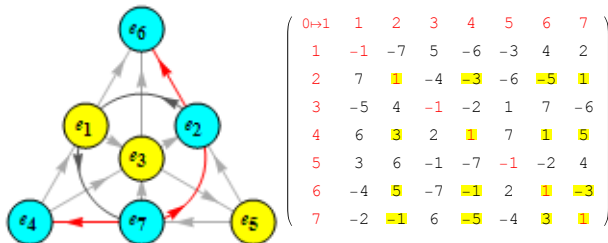
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



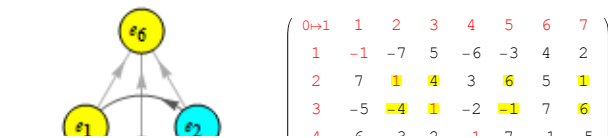
Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



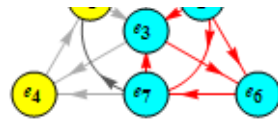
Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



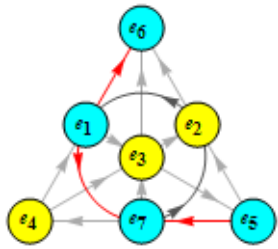
4	0	-3	2	-1	7	-1	-3
5	3	<b>-6</b>	<b>1</b>	-7	<b>1</b>	-2	<b>-4</b>
6	-4	-5	-7	1	2	-1	3
7	-2	<b>-1</b>	<b>-6</b>	5	<b>4</b>	-3	<b>1</b>

Split=4(1, 5, 6, 7) Flipped



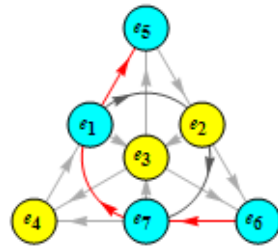
4	0	3	-2	-1	-1	7	-0
5	-4	6	-7	1	-1	-2	3
6	3	<b>5</b>	<b>1</b>	-7	2	<b>1</b>	<b>-4</b>
7	2	<b>1</b>	<b>-5</b>	6	-3	<b>4</b>	<b>1</b>

Split=4(1, 5, 6, 7) Not Flipped



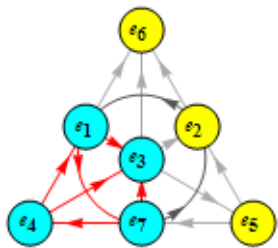
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	5	-6	<b>3</b>	<b>-4</b>	<b>-2</b>
2	7	-1	-4	3	-6	5	-1
3	-5	4	-1	-2	1	7	-6
4	6	-3	2	-1	7	-1	-5
5	<b>-3</b>	6	-1	-7	<b>1</b>	<b>2</b>	<b>-4</b>
6	<b>4</b>	-5	-7	1	<b>-2</b>	<b>1</b>	<b>-3</b>
7	<b>2</b>	1	6	5	<b>4</b>	<b>3</b>	<b>1</b>

Split=5(1, 3, 4, 7) Flipped



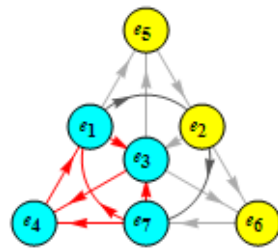
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	6	-5	<b>-4</b>	<b>3</b>	<b>2</b>
2	-7	-1	4	-3	-6	5	1
3	-6	-4	-1	2	7	1	-5
4	5	3	-2	-1	-1	7	-6
5	<b>4</b>	6	-7	1	<b>1</b>	<b>2</b>	<b>-3</b>
6	<b>-3</b>	-5	-1	-7	<b>-2</b>	<b>1</b>	<b>-4</b>
7	<b>-2</b>	-1	5	6	<b>3</b>	<b>4</b>	<b>1</b>

Split=5(1, 3, 4, 7) Not Flipped



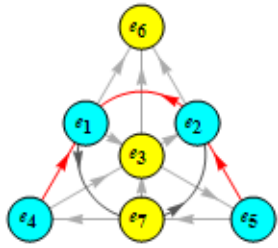
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	<b>-5</b>	<b>6</b>	-3	4	<b>-2</b>
2	7	-1	-4	3	-6	5	-1
3	<b>5</b>	4	<b>1</b>	<b>2</b>	1	7	<b>6</b>
4	<b>-6</b>	-3	<b>-2</b>	<b>1</b>	7	-1	<b>5</b>
5	3	6	-1	-7	-1	-2	4
6	-4	-5	-7	1	2	-1	3
7	<b>2</b>	1	<b>-6</b>	<b>-5</b>	-4	-3	<b>1</b>

Split=5(1, 3, 4, 7) Flipped



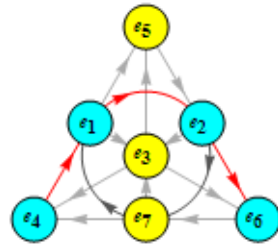
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	<b>-6</b>	<b>5</b>	4	-3	<b>2</b>
2	-7	-1	4	-3	-6	5	1
3	<b>6</b>	-4	<b>1</b>	<b>-2</b>	7	1	<b>5</b>
4	<b>-5</b>	3	<b>2</b>	<b>1</b>	-1	7	<b>6</b>
5	-4	6	-7	1	-1	-2	3
6	3	-5	-1	-7	2	-1	4
7	<b>-2</b>	-1	<b>-5</b>	<b>-6</b>	-3	-4	<b>1</b>

Split=5(1, 3, 4, 7) Not Flipped



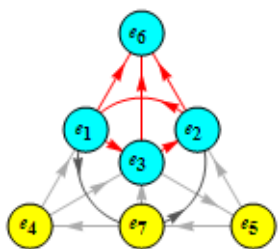
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>7</b>	5	<b>6</b>	<b>3</b>	4	2
2	<b>-7</b>	<b>1</b>	-4	<b>-3</b>	<b>6</b>	5	-1
3	-5	4	-1	-2	1	7	-6
4	<b>-6</b>	<b>3</b>	2	<b>1</b>	<b>-7</b>	-1	-5
5	<b>-3</b>	<b>-6</b>	-1	<b>7</b>	<b>1</b>	-2	4
6	-4	-5	-7	1	2	-1	3
7	-2	1	6	5	-4	-3	-1

Split=6(1, 2, 4, 5) Flipped



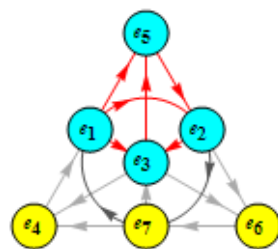
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	6	<b>5</b>	4	<b>3</b>	-2
2	<b>7</b>	<b>1</b>	4	<b>3</b>	-6	<b>-5</b>	1
3	-6	-4	-1	2	7	1	-5
4	<b>-5</b>	<b>-3</b>	<b>-2</b>	<b>1</b>	-1	<b>-7</b>	-6
5	-4	6	-7	1	-1	-2	3
6	<b>-3</b>	<b>5</b>	-1	<b>7</b>	2	<b>1</b>	4
7	2	-1	5	6	-3	-4	-1

Split=6(1, 2, 4, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>7</b>	<b>-5</b>	-6	-3	<b>-4</b>	2
2	<b>-7</b>	<b>1</b>	<b>4</b>	3	-6	<b>-5</b>	-1
3	<b>5</b>	<b>-4</b>	<b>1</b>	-2	1	<b>-7</b>	-6
4	6	-3	2	-1	7	-1	-5
5	3	6	-1	-7	-1	-2	4
6	<b>4</b>	<b>5</b>	<b>7</b>	1	2	<b>1</b>	3
7	-2	1	6	5	-4	-3	-1

Split=7(1, 2, 3, 6) Flipped

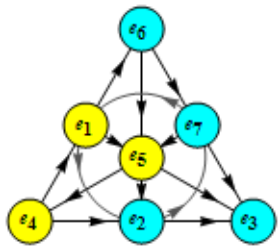


0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	<b>-6</b>	-5	<b>-4</b>	-3	-2
2	<b>7</b>	<b>1</b>	<b>-4</b>	-3	<b>6</b>	5	1
3	<b>6</b>	<b>4</b>	<b>1</b>	2	<b>-7</b>	1	-5
4	5	3	-2	-1	-1	7	-6
5	<b>4</b>	<b>-6</b>	<b>7</b>	1	<b>1</b>	-2	3
6	3	-5	-1	-7	2	-1	4
7	2	-1	5	6	-3	-4	-1

Split=7(1, 2, 3, 5) Not Flipped

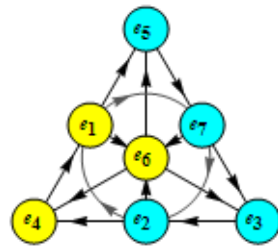
EB98 Flip ((1, 2, 7), (1, 5, 3), (1, 6, 4), (2, 3, 4), (2, 6, 5), (3, 6, 7), (4, 7, 5))

No Flip ((1, 7, 2), (1, 6, 3), (1, 5, 4), (2, 4, 3), (2, 6, 5), (3, 5, 7), (4, 7, 6))



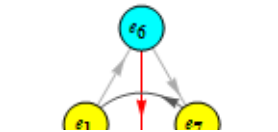
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	-1	4	-3	-6	5	1
3	5	-4	-1	2	-1	7	-6
4	6	3	-2	-1	-7	-1	5
5	-3	6	1	7	-1	-2	-4
6	-4	-5	-7	1	2	-1	3
7	2	-1	6	-5	4	-3	-1

Split=1(3, 4, 5, 6) Flipped

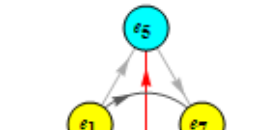


0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	-4	3	-6	5	-1
3	6	4	-1	-2	7	-1	-5
4	5	-3	2	-1	-1	-7	6
5	-4	6	-7	1	-1	-2	3
6	-3	-5	1	7	2	-1	-4
7	-2	1	5	-6	-3	4	-1

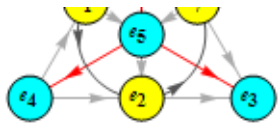
Split=1(3, 4, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	-1	4	-3	-6	5	1
3	5	-4	<b>1</b>	<b>-2</b>	<b>1</b>	<b>-7</b>	-6
4	6	3	-2	-1	-7	-1	5
5	-3	6	1	7	-1	-2	-4
6	-4	-5	-7	1	2	-1	3
7	2	-1	6	-5	4	-3	-1

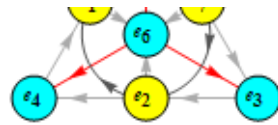


0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	-4	3	-6	5	-1
3	6	4	<b>1</b>	<b>2</b>	<b>-7</b>	<b>1</b>	-5
4	5	-3	2	-1	-1	-7	6
5	-4	6	-7	1	-1	-2	3
6	-3	-5	1	7	2	-1	-4
7	-2	1	5	-6	-3	4	-1



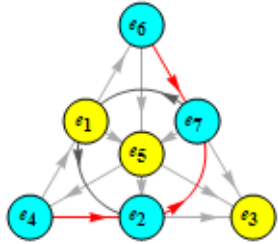
4	6	3	2	1	7	1	5
5	-3	6	-1	-7	1	2	-4
6	-4	-5	7	-1	-2	1	3
7	2	-1	6	-5	4	-3	-1

Split=2(2, 4, 6, 7) Flipped



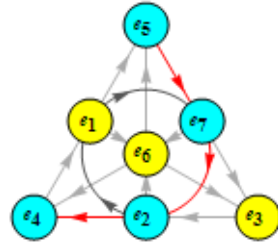
4	5	-3	-2	1	1	7	6
5	-4	6	7	-1	1	2	3
6	-3	-5	-1	-7	-2	1	-4
7	-2	1	5	-6	-3	4	-1

Split=2(2, 4, 5, 7) Not Flipped



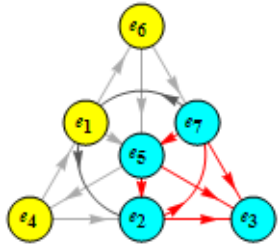
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	1	4	3	-6	-5	-1
3	5	-4	-1	2	-1	7	-6
4	6	-3	-2	1	-7	1	-5
5	-3	6	1	7	-1	-2	-4
6	-4	5	-7	-1	2	1	-3
7	2	1	6	5	4	3	1

Split=3(2, 3, 5, 7) Flipped



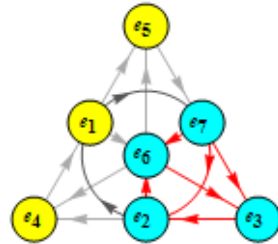
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	1	-4	-3	6	5	1
3	6	4	-1	-2	7	-1	-5
4	5	3	2	1	1	-7	-6
5	-4	-6	-7	-1	1	-2	-3
6	-3	-5	1	7	2	-1	-4
7	-2	-1	5	6	3	4	1

Split=3(2, 3, 6, 7) Not Flipped



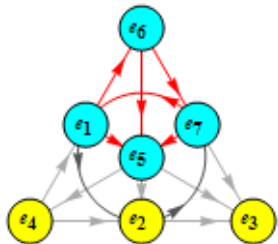
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	1	-4	-3	6	5	-1
3	5	4	1	2	1	7	6
4	6	3	-2	-1	-7	-1	5
5	-3	-6	-1	7	1	-2	4
6	-4	-5	-7	1	2	-1	3
7	2	1	-6	-5	-4	-3	1

Split=4(1, 5, 6, 7) Flipped



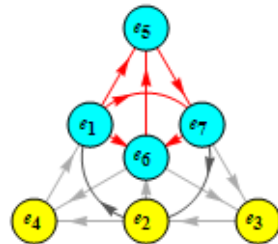
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	1	4	3	-6	-5	1
3	6	-4	1	-2	7	1	5
4	5	-3	2	-1	-1	-7	6
5	-4	6	-7	1	1	-2	3
6	-3	5	-1	7	2	1	4
7	-2	-1	-5	-6	-3	-4	1

Split=4(1, 5, 6, 7) Not Flipped



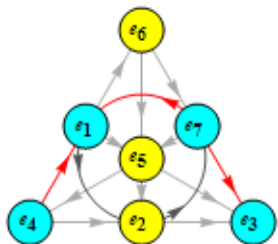
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	-1	4	-3	-6	5	1
3	5	-4	-1	2	-1	7	-6
4	6	3	-2	-1	-7	-1	5
5	3	6	1	7	1	2	4
6	4	-5	-7	1	-2	1	-3
7	-2	-1	6	-5	-4	3	1

Split=5(1, 3, 4, 7) Flipped



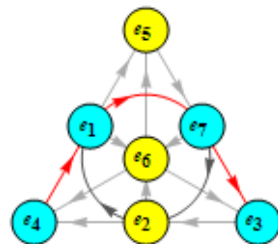
0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	-1	-4	3	-6	5	-1
3	6	4	-1	-2	7	-1	-5
4	5	-3	2	-1	-1	-7	6
5	4	6	-7	1	1	2	-3
6	3	-5	1	7	-2	1	4
7	2	1	5	-6	3	-4	1

Split=5(1, 3, 4, 7) Not Flipped



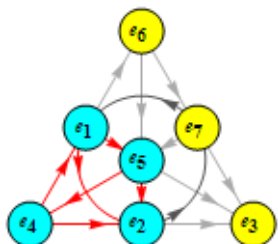
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	4	-3	-6	5	1
3	-5	-4	1	-2	-1	7	6
4	-6	3	2	1	-7	-1	-5
5	-3	6	1	7	-1	-2	-4
6	-4	-5	-7	1	2	-1	3
7	-2	-1	-6	5	4	-3	1

Split=6(1, 2, 4, 5) Flipped



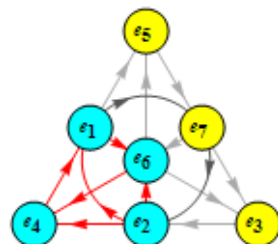
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	-4	3	-6	5	-1
3	-6	4	1	2	7	-1	5
4	-5	-3	-2	1	-1	-7	6
5	-4	6	-7	1	-1	-2	3
6	-3	-5	1	7	2	-1	-4
7	2	1	-5	6	-3	4	1

Split=6(1, 2, 4, 6) Not Flipped



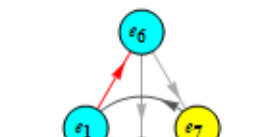
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	-2
2	7	1	-4	-3	-6	-5	1
3	-5	4	1	2	-1	-7	-6
4	6	3	-2	-1	-7	-1	5
5	3	-6	1	7	1	-2	-4
6	-4	-5	-7	1	2	-1	3
7	2	-1	6	-5	4	-3	-1

Split=7(1, 2, 3, 6) Flipped



0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	1	4	3	6	5	-1
3	-6	-4	1	-2	-7	-1	-5
4	5	3	2	1	-1	7	6
5	-4	6	-7	1	-1	-2	3
6	3	5	1	-7	2	1	-4
7	-2	1	5	-6	-3	4	-1

Split=7(1, 2, 3, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	-2
2	7	1	-4	-3	-6	-5	1
3	-5	4	1	2	-1	-7	-6
4	6	3	-2	-1	-7	-1	5



0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	1	4	3	6	5	-1
3	-6	-4	1	-2	-7	-1	-5
4	5	-3	2	-1	-1	-7	6



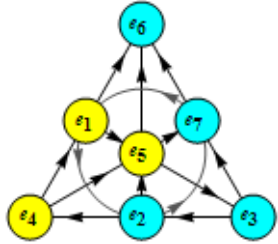
5	-3	6	1	7	-1	-2	-4
6	4	5	7	1	2	3	
7	2	-1	6	-5	4	-3	-1



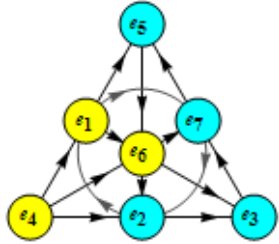
5	4	-6	7	1	3	-2	3
6	-3	-5	1	7	2	-1	-4
7	-2	1	5	-6	-3	4	-1

E8h230 Flip  $\{(1, 2, 7), (1, 5, 3), (1, 6, 4), (2, 4, 3), (2, 5, 6), (3, 7, 6), (4, 5, 7)\}$

No Flip  $\{(1, 7, 2), (1, 6, 3), (1, 5, 4), (2, 3, 4), (2, 5, 6), (3, 7, 5), (4, 6, 7)\}$



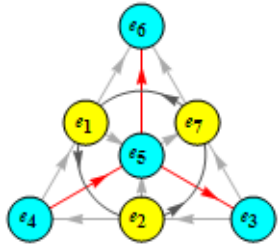
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	-1	-4	3	6	-5	1
3	5	4	-1	-2	-1	-7	6
4	6	-3	2	-1	7	-1	-5
5	-3	-6	1	-7	-1	2	4
6	-4	5	7	1	-2	-1	-3
7	2	-1	-6	5	-4	3	-1



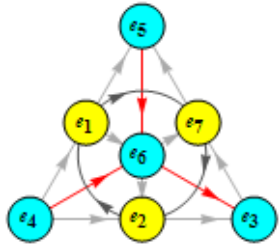
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	4	-3	6	-5	-1
3	6	-4	-1	2	-7	-1	5
4	5	3	-2	-1	-1	7	-6
5	-4	-6	7	1	-1	2	-3
6	-3	5	1	-7	-2	-1	4
7	-2	1	-5	6	3	-4	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



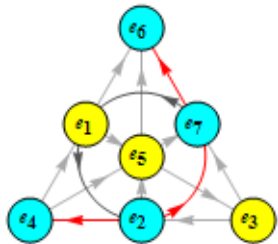
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	-1	-4	3	6	-5	1
3	5	4	2	1	7	6	
4	6	-3	-2	1	-7	1	-5
5	-3	-6	-1	7	1	-2	4
6	-4	5	-7	-1	2	1	-3
7	2	-1	-6	5	-4	3	-1



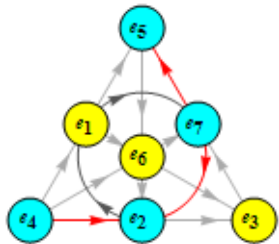
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	4	-3	6	-5	-1
3	6	-4	1	-2	7	1	5
4	5	3	2	1	1	-7	-6
5	-4	-6	-7	-1	1	-2	-3
6	-3	5	-1	7	2	1	4
7	-2	1	-5	6	3	-4	-1

Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



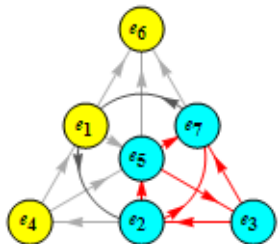
0→1	1	2	3	4	5	6	7
1	-1	7	-5	-6	3	4	-2
2	-7	1	-4	-3	6	5	-1
3	5	4	-1	-2	-1	-7	6
4	6	-3	2	1	7	1	-5
5	-3	-6	1	-7	-1	2	4
6	-4	-5	7	-1	-2	1	3
7	2	1	-6	-5	-4	-3	1



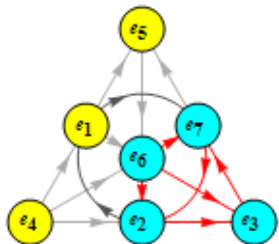
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	1	4	3	-6	-5	1
3	6	-4	-1	2	-7	-1	5
4	5	-3	-2	1	1	7	6
5	-4	-6	7	-1	1	2	3
6	-3	5	1	-7	-2	1	4
7	-2	1	-5	-6	-3	-4	1

Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



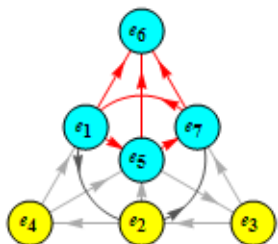
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	1	4	3	-6	-5	1
3	5	-4	1	-2	1	-7	-6
4	6	-3	2	-1	7	-1	-5
5	3	-6	1	-7	1	-2	-4
6	4	5	7	1	2	1	3
7	-2	-1	-6	5	4	3	1



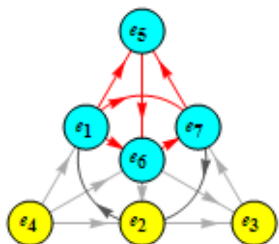
0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	1	-4	-3	6	5	1
3	6	-4	1	2	-7	1	-5
4	5	3	-2	-1	-1	7	-6
5	-4	-6	7	1	-1	2	-3
6	-3	-5	-1	-7	2	1	-4
7	-2	-1	5	6	3	4	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



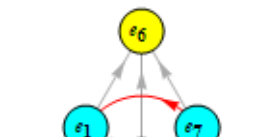
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	-4	3	6	-5	1
3	-5	4	1	2	-1	-7	-6
4	-6	-3	-2	1	7	-1	-5
5	3	-6	1	-7	1	-2	-4
6	4	5	7	1	2	1	3
7	-2	-1	-6	5	4	-3	1



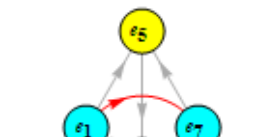
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	4	-3	6	-5	-1
3	6	-4	-1	2	-7	-1	5
4	5	3	-2	-1	-1	7	-6
5	-4	-6	7	1	1	-2	-3
6	3	5	1	-7	2	1	-4
7	-2	1	-5	6	-3	4	1

Split=5(1, 3, 4, 7) Flipped

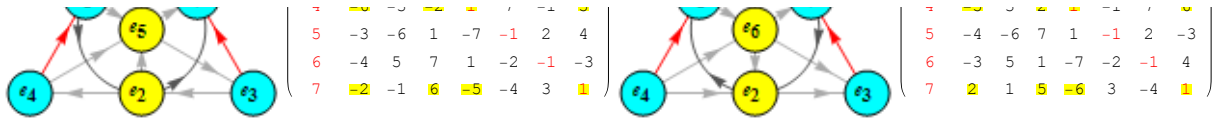
Split=5(1, 3, 4, 7) Not Flipped



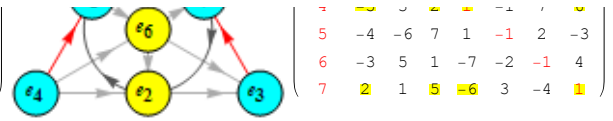
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	-4	3	6	-5	1
3	-5	4	1	2	-1	-7	-6
4	-6	-3	-2	1	7	-1	-5
5	3	-6	1	-7	1	-2	-4
6	4	5	7	1	2	1	3
7	-2	-1	-6	5	4	-3	1



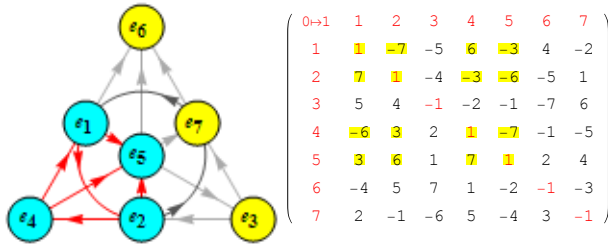
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	4	-3	6	-5	-1
3	-6	-4	1	-2	-7	-1	-5
4	-6	-3	-2	1	7	-1	-5
5	3	-6	1	-7	1	-2	-4
6	4	5	7	1	2	1	3
7	-2	-1	-6	5	4	-3	1



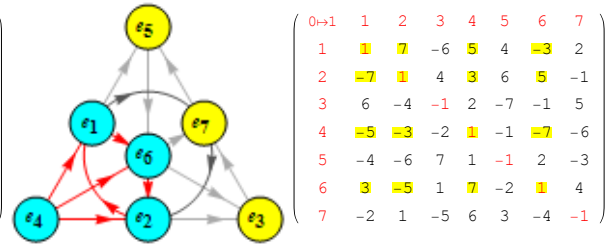
Split=6(1, 2, 4, 5) Flipped



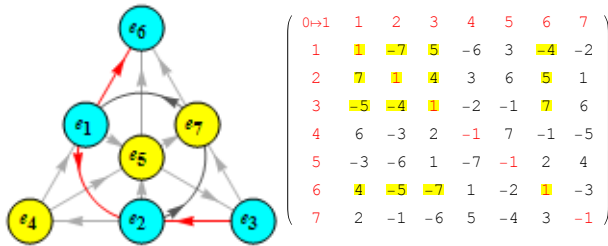
Split=6(1, 2, 4, 6) Not Flipped



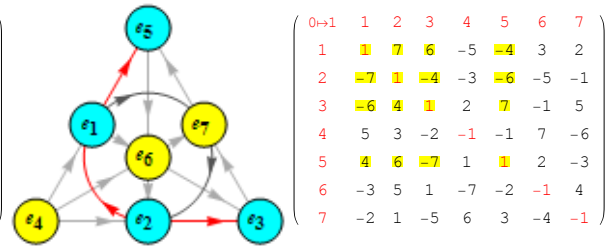
Split=7(1, 2, 3, 6) Flipped



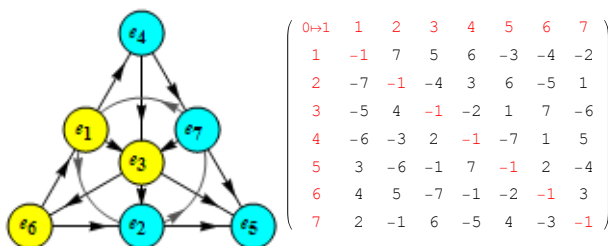
Split=7(1, 2, 3, 5) Not Flipped



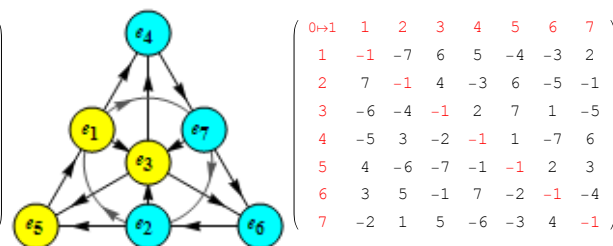
EBH102 Flip ((1, 2, 7), (1, 3, 5), (1, 4, 6), (2, 4, 3), (2, 5, 6), (3, 6, 7), (4, 7, 5))



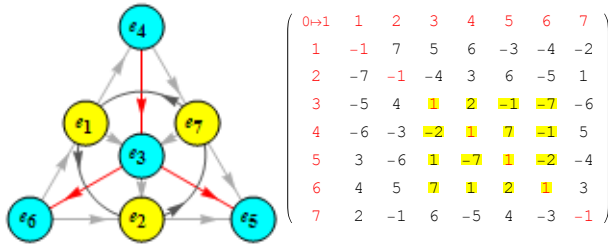
No Flip ((1, 7, 2), (1, 3, 6), (1, 4, 5), (2, 3, 4), (2, 5, 6), (3, 5, 7), (4, 7, 6))



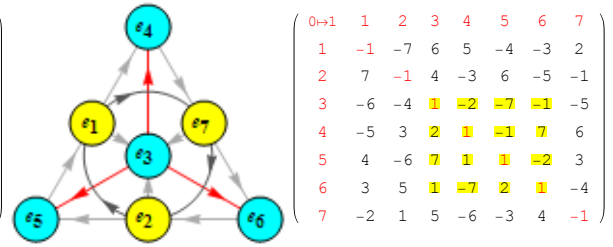
Split=1(3, 4, 5, 6) Flipped



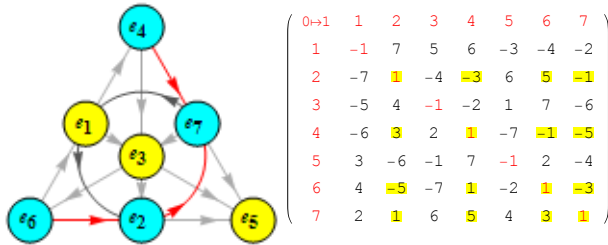
Split=1(3, 4, 5, 6) Not Flipped



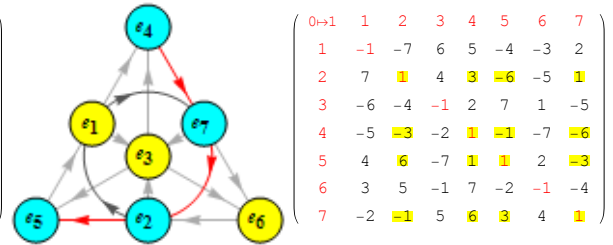
Split=2(2, 4, 6, 7) Flipped



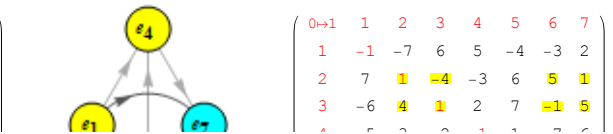
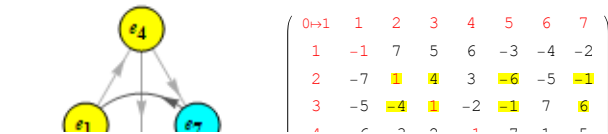
Split=2(2, 4, 5, 7) Not Flipped

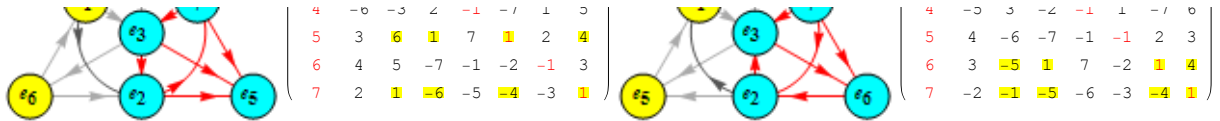


Split=3(2, 3, 5, 7) Flipped



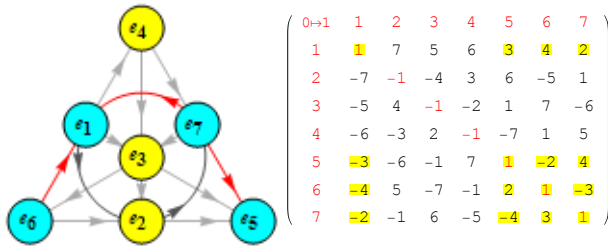
Split=3(2, 3, 6, 7) Not Flipped



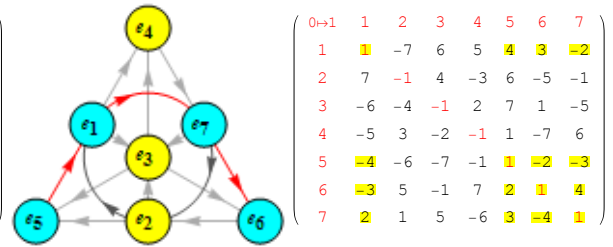


Split=4(1, 5, 6, 7) Flipped

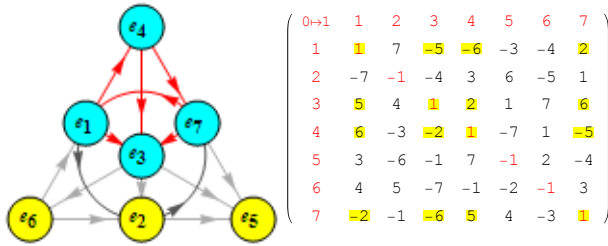
Split=4(1, 5, 6, 7) Not Flipped



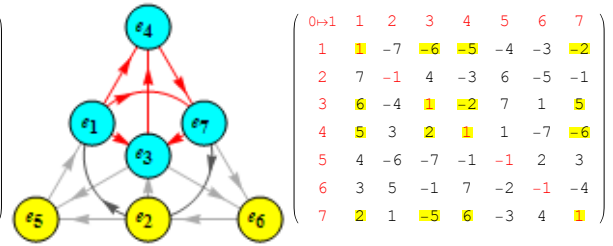
Split=5(1, 3, 4, 7) Flipped



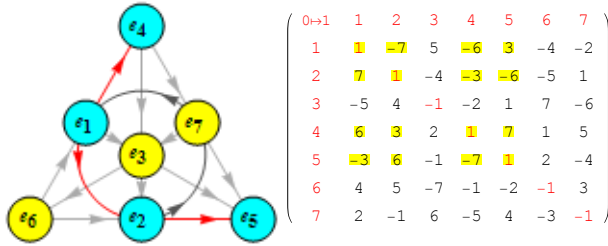
Split=5(1, 3, 4, 7) Not Flipped



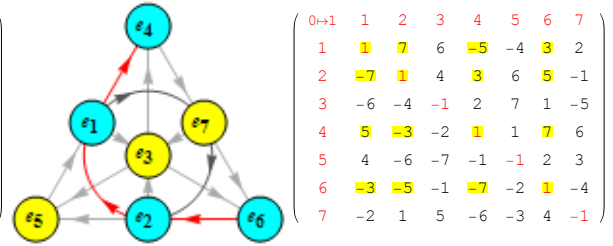
Split=6(1, 2, 4, 5) Flipped



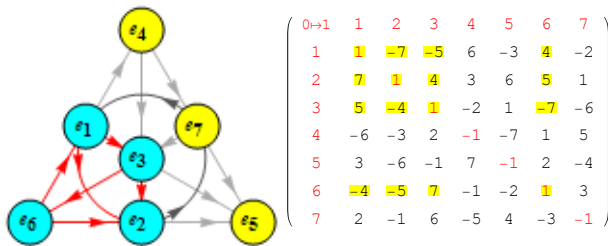
Split=6(1, 2, 4, 6) Not Flipped



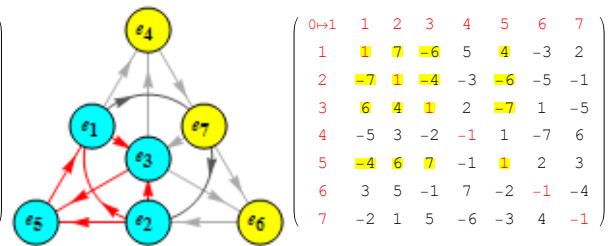
Split=7(1, 2, 3, 6) Flipped



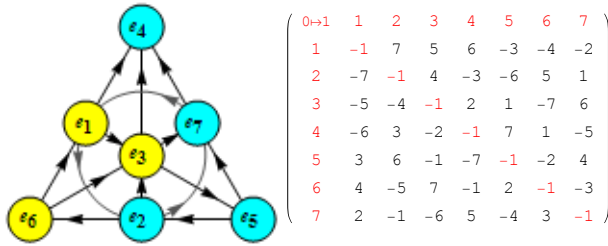
Split=7(1, 2, 3, 5) Not Flipped



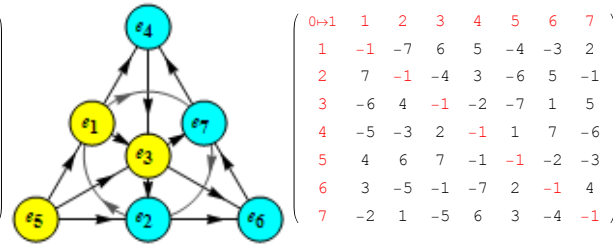
E8h226 Flip ((1, 2, 7), (1, 3, 5), (1, 4, 6), (2, 3, 4), (2, 6, 5), (3, 7, 6), (4, 5, 7))



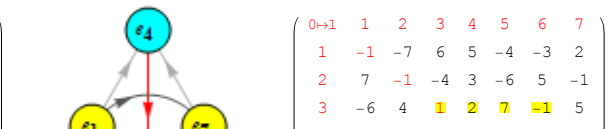
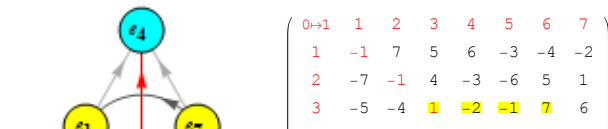
No Flip ((1, 7, 2), (1, 3, 6), (1, 4, 5), (2, 4, 3), (2, 6, 5), (3, 7, 5), (4, 6, 7))

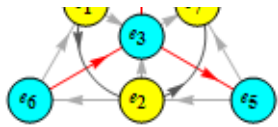


Split=1(3, 4, 5, 6) Flipped



Split=1(3, 4, 5, 6) Not Flipped





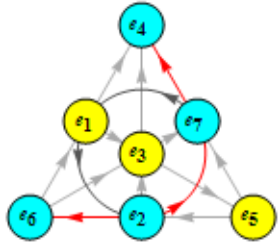
4	-6	3	2	1	-7	-1	-5
5	3	6	1	7	1	2	4
6	4	-5	-7	1	-2	1	-3
7	2	-1	-6	5	-4	3	-1

Split=2(2, 4, 6, 7) Flipped



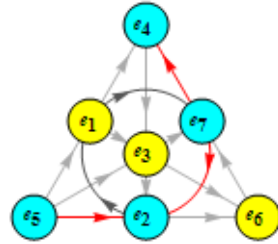
4	-5	-3	-2	1	-1	-7	-6
5	4	6	-7	1	1	2	-3
6	3	-5	1	7	-2	1	4
7	-2	1	-5	6	3	-4	-1

Split=2(2, 4, 5, 7) Not Flipped



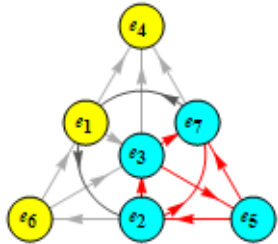
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	1	4	3	-6	-5	-1
3	-5	-4	-1	2	1	-7	6
4	-6	-3	-2	1	7	-1	5
5	3	6	-1	-7	-1	-2	4
6	4	5	7	1	2	1	3
7	2	1	-6	-5	-4	-3	1

Split=3(2, 3, 5, 7) Flipped



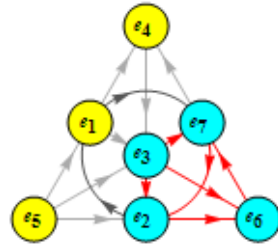
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	-4	-3	6	5	1
3	-6	4	-1	-2	-7	1	5
4	-5	3	2	1	-1	7	6
5	4	-6	7	1	1	-2	3
6	3	-5	-1	-7	2	-1	4
7	-2	-1	-5	-6	-3	-4	1

Split=3(2, 3, 6, 7) Not Flipped



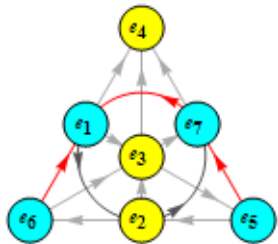
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	1	-4	-3	6	5	-1
3	-5	4	1	2	-1	-7	-6
4	-6	3	-2	-1	7	1	-5
5	3	-6	1	-7	1	-2	-4
6	4	-5	7	-1	2	-1	-3
7	2	1	6	5	4	3	1

Split=4(1, 5, 6, 7) Flipped



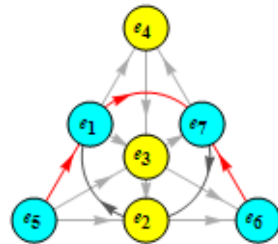
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	4	3	-6	-5	1
3	-6	-4	1	-2	-7	-1	-5
4	-5	-3	2	-1	1	7	-6
5	4	6	7	-1	-1	-2	-3
6	3	5	1	-7	2	1	-4
7	-2	-1	5	6	3	4	1

Split=4(1, 5, 6, 7) Not Flipped



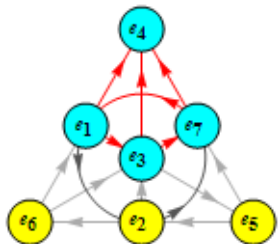
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	4	-3	-6	5	1
3	-5	-4	-1	2	1	-7	6
4	-6	3	-2	-1	7	1	-5
5	3	6	-1	-7	1	2	-4
6	4	-5	7	-1	-2	1	3
7	-2	-1	-6	5	4	-3	1

Split=5(1, 3, 4, 7) Flipped



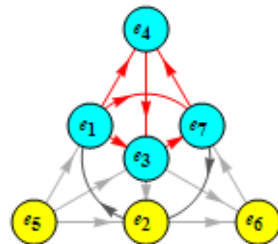
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	-4	3	-6	5	-1
3	-6	4	-1	-2	-7	1	5
4	-5	-3	2	-1	1	7	-6
5	-4	6	7	-1	-1	2	3
6	-3	-5	-1	-7	-2	1	-4
7	2	1	-5	6	-3	4	1

Split=5(1, 3, 4, 7) Not Flipped



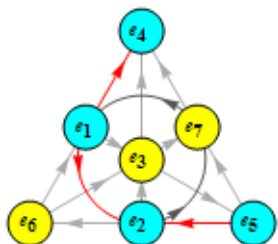
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	-1	4	-3	-6	5	1
3	5	-4	1	-2	1	-7	-6
4	6	3	2	1	7	1	5
5	3	6	-1	-7	-1	-2	4
6	4	-5	7	-1	2	-1	-3
7	-2	-1	6	-5	-4	3	1

Split=6(1, 2, 4, 5) Flipped



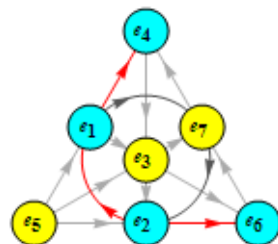
0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	-1	-4	3	-6	5	-1
3	6	4	1	2	-7	1	-5
4	5	-3	-2	1	1	7	6
5	4	6	7	-1	-1	-2	-3
6	3	-5	-1	-7	2	-1	4
7	2	1	5	-6	3	-4	1

Split=6(1, 2, 4, 5) Not Flipped



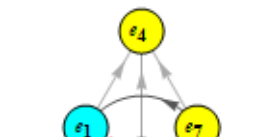
0→1	1	2	3	4	5	6	7
1	1	-7	-5	6	-3	4	-2
2	7	1	-4	-3	-6	-5	1
3	5	4	1	2	1	7	6
4	-6	3	-2	-1	7	1	-5
5	3	-6	-1	7	1	-2	4
6	4	-5	7	-1	2	-1	-3
7	2	-1	-6	5	-4	3	-1

Split=7(1, 2, 3, 6) Flipped



0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	1	-4	-3	-6	-5	-1
3	-6	4	-1	-2	-7	1	5
4	5	3	2	1	1	-7	-6
5	4	6	7	-1	-1	-2	-3
6	-3	5	-1	7	2	1	4
7	-2	1	-5	6	3	-4	-1

Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-7	-5	6	-3	4	-2
2	7	1	-4	-3	-6	-5	1
3	5	4	1	2	1	7	6
4	-6	3	-2	-1	7	1	-5

Split=7(1, 2, 3, 5) Flipped



0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	-3	2
2	-7	1	4	3	6	5	-1
3	6	-4	1	-2	7	1	5
4	-5	-3	2	-1	1	7	-6

Split=7(1, 2, 3, 5) Not Flipped





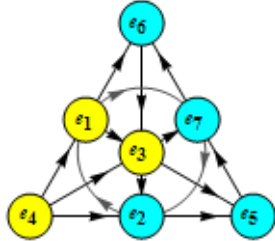
5	3	6	-1	-7	-1	-2	4
6	-4	5	-7	-1	2	1	-3
7	2	-1	-6	5	-4	3	-1



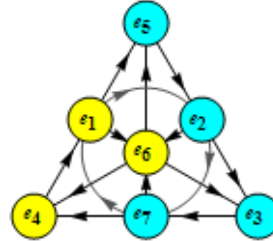
5	-4	-6	-7	-1	1	-2	-3
6	3	-5	-1	-7	2	-1	4
7	-2	1	-5	6	3	-4	-1

EBM34 Flip {(1, 7, 2), (1, 3, 5), (1, 6, 4), (2, 6, 3), (2, 5, 4), (3, 7, 4), (5, 7, 6)}

No Flip {(1, 2, 7), (1, 6, 3), (1, 5, 4), (2, 3, 5), (2, 6, 4), (3, 7, 4), (5, 7, 6)}



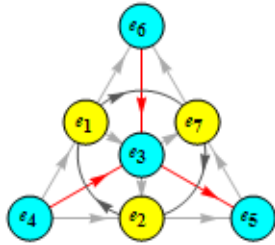
0→1	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	-1	-6	-5	4	3	-1
3	-5	6	-1	-7	1	-2	4
4	6	5	7	-1	-2	-1	-3
5	3	-4	-1	2	-1	-7	6
6	-4	-3	2	1	7	-1	-5
7	-2	1	-4	3	-6	5	-1



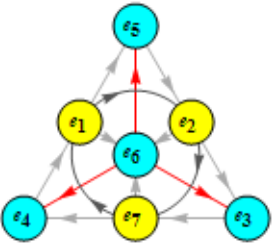
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	5	-6	-3	4	1
3	6	-5	-1	-7	2	-1	4
4	5	6	7	-1	-1	-2	-3
5	-4	3	-2	1	-1	-7	6
6	-3	-4	1	2	7	-1	-5
7	2	-1	-4	3	-6	5	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



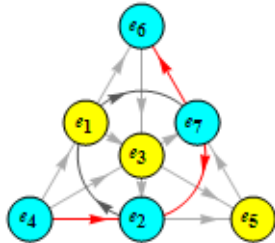
0→1	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	-1	-6	-5	4	3	-1
3	-5	6	1	7	-1	2	4
4	6	5	-7	1	2	1	-3
5	3	-4	1	-2	1	7	6
6	-4	-3	-2	-1	-7	1	-5
7	-2	1	-4	3	-6	5	-1



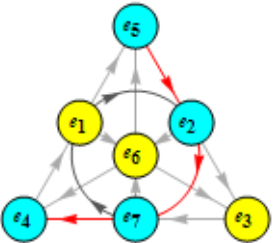
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	5	-6	-3	4	1
3	6	-5	1	7	-2	1	4
4	5	6	-7	1	1	2	-3
5	-4	3	2	-1	1	7	6
6	-3	-4	-1	-2	-7	1	-5
7	2	-1	-4	3	-6	5	-1

Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



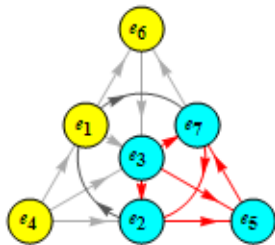
0→1	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	1	-6	5	4	-3	1
3	-5	6	-1	-7	1	-2	4
4	6	-5	7	1	-2	1	3
5	3	-4	-1	2	-1	-7	6
6	-4	3	2	-1	7	1	5
7	-2	-1	-4	3	-6	5	1



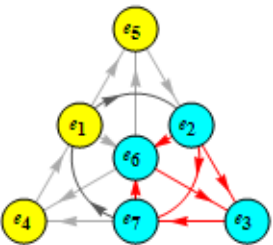
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	1	5	6	3	4	-1
3	6	-5	-1	-7	2	-1	4
4	5	-6	7	1	1	-2	3
5	-4	-3	-2	-1	1	-7	6
6	-3	-4	1	2	7	-1	-5
7	2	1	-4	-3	6	5	1

Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



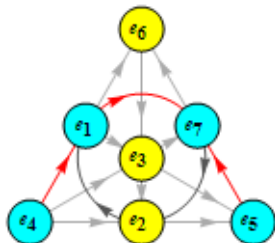
0→1	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	1	6	-5	-4	3	1
3	-5	-6	1	-7	-1	-2	-4
4	6	5	7	-1	-2	-1	-3
5	3	4	1	2	1	-7	-6
6	-4	-3	2	1	7	-1	-5
7	-2	-1	4	3	6	5	1



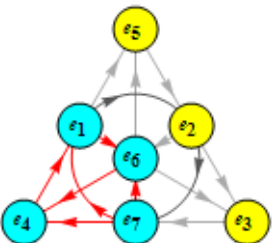
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	1	-5	-6	-3	-4	-1
3	6	5	1	-7	2	1	-4
4	5	6	7	-1	-1	-2	-3
5	-4	3	-2	1	-1	-7	6
6	-3	4	-1	2	7	1	5
7	2	1	4	3	-6	-5	1

Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 6, 7) Not Flipped



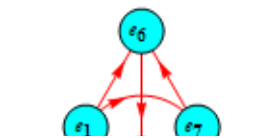
0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	-1	-6	-5	4	3	-1
3	-5	6	-1	-7	1	-2	4
4	-6	5	7	1	2	-1	3
5	-3	-4	-1	-2	1	-7	-6
6	-4	-3	2	1	7	-1	-5
7	2	1	-4	-3	6	5	1



0→1	1	2	3	4	5	6	7
1	1	7	-6	5	4	-3	2
2	-7	-1	5	-6	-3	4	1
3	6	-5	-1	-7	2	-1	4
4	-5	6	7	1	-1	2	3
5	-4	3	-2	1	-1	-7	6
6	3	-4	1	-2	7	1	5
7	-2	-1	-4	-3	-6	-5	1

Split=5(1, 3, 6, 7) Flipped

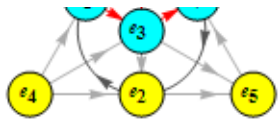
Split=5(1, 3, 5, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-7	5	-6	-3	-4	-2
2	7	-1	-6	-5	4	3	-1
3	5	6	1	-7	1	2	-4
4	6	5	7	-1	-2	-1	-3
5	3	-4	-1	2	-1	-7	6
6	-4	-3	2	1	7	-1	-5
7	-2	1	-4	3	-6	5	-1



0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	-1	5	-6	-3	4	1
3	-6	-5	1	-7	-2	-1	-4
4	6	5	7	-1	-2	-1	-3
5	-4	3	-2	1	-1	-7	6
6	-3	-4	1	2	7	1	5
7	-2	-1	-4	3	-6	5	-1



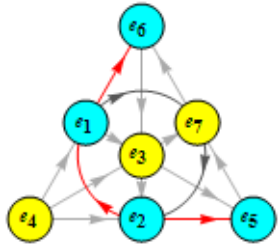
4	6	5	7	-1	-2	-1	-3
5	3	-4	-1	2	-1	-7	6
6	4	-3	2	1	7	1	5
7	2	1	4	3	-6	-5	1

Split=6(1, 2, 5, 6) Flipped



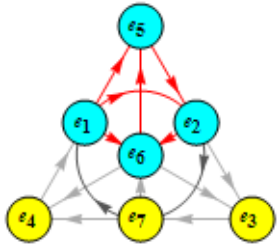
4	5	6	7	-1	-1	-2	-3
5	4	3	2	1	1	-7	6
6	-3	-4	1	2	7	-1	-5
7	-2	-1	4	3	6	5	1

Split=6(1, 2, 5, 6) Not Flipped



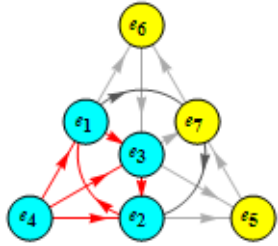
0	1	2	3	4	5	6	7
1	1	7	5	-6	3	4	2
2	7	1	-6	-5	4	3	-1
3	-5	6	-1	-7	1	-2	4
4	6	5	7	-1	-2	-1	-3
5	3	4	-1	2	1	7	6
6	4	3	2	1	7	1	-5
7	-2	1	-4	3	-6	5	-1

Split=7(1, 2, 3, 4) Flipped



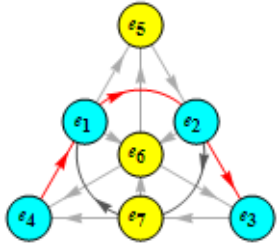
0	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	3	-2
2	7	1	5	-6	3	-4	1
3	6	-5	-1	-7	2	-1	4
4	5	6	7	-1	-1	-2	-3
5	4	-3	-2	1	1	7	6
6	3	4	1	2	-7	1	-5
7	2	-1	-4	3	-6	5	-1

Split=7(1, 2, 3, 4) Not Flipped



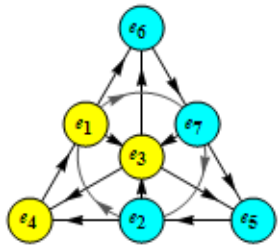
0	1	2	3	4	5	6	7
1	1	7	5	6	-3	4	2
2	7	1	6	5	4	3	-1
3	5	-6	1	7	1	-2	4
4	-6	5	7	1	-2	-1	-3
5	3	-4	-1	2	-1	-7	6
6	-4	-3	2	1	7	-1	-5
7	-2	1	-4	3	-6	5	-1

EB8106 Flip ((1, 7, 2), (1, 3, 5), (1, 6, 4), (2, 3, 6), (2, 4, 5), (3, 4, 7), (5, 6, 7))



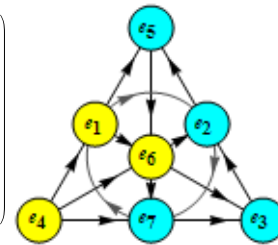
0	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	1	-5	6	-3	4	1
3	-6	5	1	7	2	-1	4
4	-5	-6	-7	1	-1	-2	-3
5	-4	3	-2	1	-1	-7	6
6	-3	-4	1	2	7	-1	-5
7	2	-1	-4	3	-6	5	-1

No Flip ((1, 2, 7), (1, 6, 3), (1, 5, 4), (2, 5, 3), (2, 4, 6), (3, 4, 7), (5, 6, 7))



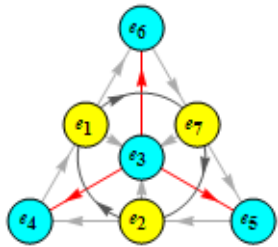
0	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	-1	6	5	-4	-3	-1
3	-5	-6	-1	7	1	2	-4
4	6	-5	-7	-1	2	-1	3
5	3	4	-1	-2	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	-2	1	4	-3	6	-5	-1

Split=1(3, 4, 5, 6) Flipped



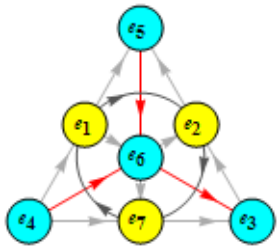
0	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	-5	6	3	-4	1
3	6	5	-1	7	-2	-1	-4
4	5	-6	-7	-1	-1	2	3
5	-4	-3	2	1	-1	7	-6
6	-3	4	1	-2	-7	-1	5
7	2	-1	4	-3	6	-5	-1

Split=1(3, 4, 5, 6) Not Flipped



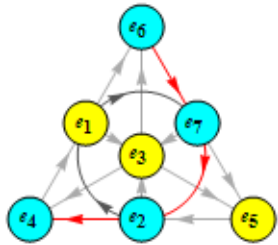
0	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	-1	6	5	-4	-3	-1
3	-5	-6	1	-7	-1	2	-4
4	6	-5	7	1	-2	1	3
5	3	4	1	2	1	-7	-6
6	-4	3	2	-1	7	1	5
7	-2	1	4	-3	6	-5	-1

Split=2(2, 4, 6, 7) Flipped



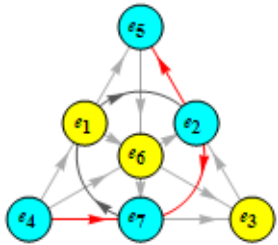
0	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	-5	6	3	-4	1
3	6	5	1	-7	2	1	-4
4	5	-6	7	1	1	-2	3
5	-4	-3	-2	-1	1	-7	-6
6	-3	4	-1	2	7	1	5
7	2	-1	4	-3	6	-5	-1

Split=2(2, 4, 5, 7) Not Flipped



0	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	1	6	-5	-4	3	1
3	-5	-6	-1	7	1	2	-4
4	6	5	-7	1	2	1	-3
5	3	4	-1	-2	-1	7	-6
6	-4	-3	-2	-1	-7	1	-5
7	-2	-1	4	3	6	5	1

Split=3(2, 3, 5, 7) Flipped

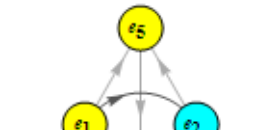


0	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	1	-5	-6	-3	-4	-1
3	6	5	-1	7	-2	-1	-4
4	5	6	-7	1	1	2	-3
5	-4	3	2	-1	1	7	6
6	-3	4	1	-2	-7	-1	5
7	2	1	4	3	-6	-5	1

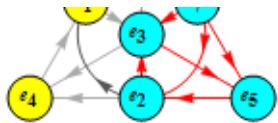
Split=3(2, 3, 6, 7) Not Flipped



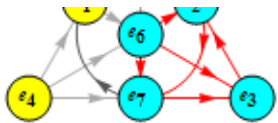
0	1	2	3	4	5	6	7
1	-1	-7	5	-6	-3	4	2
2	7	1	6	5	4	-3	1
3	-5	6	1	7	-1	2	4
4	6	5	7	1	-2	-1	-3
5	3	4	-1	-2	-1	7	-6
6	-4	-3	-2	-1	-7	1	-5
7	-2	-1	4	3	6	5	1



0	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	1	5	6	3	4	-1
3	6	5	1	7	-2	1	4
4	6	5	7	1	-2	-1	-3
5	-4	-3	-2	-1	-7	1	-5
6	-3	4	1	-2	-7	-1	5
7	2	1	4	3	-6	-5	1



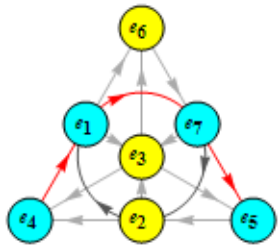
4	6	-5	-7	-1	2	-1	3
5	3	-4	1	-2	1	7	6
6	-4	3	-2	1	-7	-1	5
7	-2	-1	-4	-3	-6	-5	1



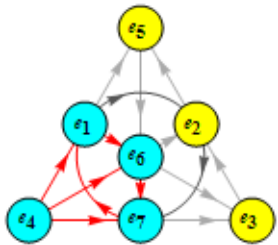
4	5	-6	-7	-1	-1	2	3
5	-4	-3	2	1	-1	7	-6
6	-3	-4	-1	-2	-7	1	-5
7	2	1	-4	-3	6	5	1

Split=4{1, 4, 5, 7} Flipped

Split=4{1, 4, 6, 7} Not Flipped



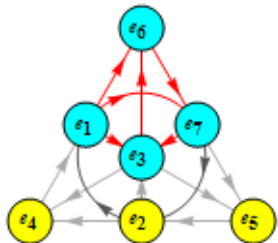
0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	-1	6	5	-4	-3	-1
3	-5	-6	-1	7	1	2	-4
4	-6	-5	-7	1	-2	-1	-3
5	-3	4	-1	2	1	7	6
6	-4	3	-2	1	-7	-1	5
7	2	1	4	3	-6	-5	1



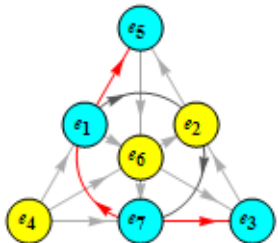
0→1	1	2	3	4	5	6	7
1	1	7	-6	5	4	-3	2
2	-7	-1	-5	6	3	-4	1
3	6	5	-1	7	-2	-1	-4
4	-5	-6	-7	1	-1	-2	-3
5	-4	-3	2	1	-1	7	-6
6	3	4	1	2	-7	1	-5
7	-2	-1	4	3	6	5	1

Split=5{1, 3, 6, 7} Flipped

Split=5{1, 3, 5, 7} Not Flipped



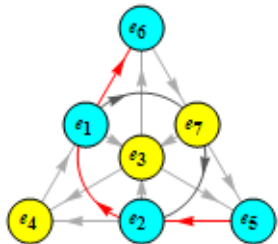
0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	-1	6	5	-4	-3	-1
3	5	-6	1	7	1	-2	4
4	6	-5	-7	-1	2	-1	3
5	3	4	-1	-2	-1	7	-6
6	4	3	2	1	-7	1	-5
7	2	1	-4	-3	6	5	1



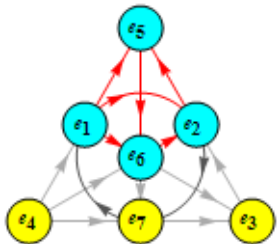
0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	-1	-5	6	3	-4	1
3	-6	5	1	7	2	-1	4
4	5	-6	-7	-1	-1	2	3
5	4	-3	-2	1	1	7	6
6	-3	4	1	-2	-7	-1	5
7	-2	-1	-4	-3	-6	-5	1

Split=6{1, 2, 5, 6} Flipped

Split=6{1, 2, 5, 6} Not Flipped



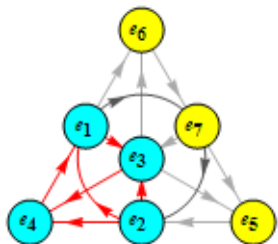
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	1	6	5	4	3	-1
3	-5	-6	-1	7	1	2	-4
4	6	-5	-7	-1	2	-1	3
5	-3	-4	-1	-2	1	-7	-6
6	4	-3	-2	1	7	1	5
7	-2	1	4	-3	6	-5	-1



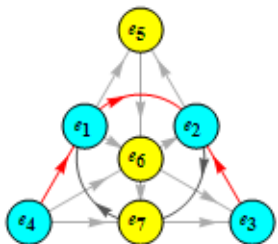
0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	1	-5	6	-3	4	1
3	6	5	-1	7	-2	-1	-4
4	5	-6	-7	-1	-1	2	3
5	4	3	2	1	1	-7	-6
6	3	-4	1	-2	7	1	5
7	2	-1	4	-3	6	-5	-1

Split=7{1, 2, 3, 4} Flipped

Split=7{1, 2, 3, 4} Not Flipped



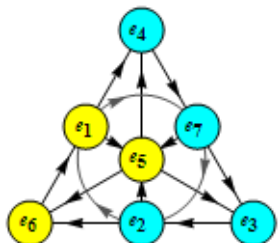
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	1	6	-5	-4	-3	-1
3	5	6	1	-7	1	2	-4
4	-6	5	7	1	2	-1	3
5	3	4	-1	-2	-1	7	-6
6	-4	3	-2	1	-7	-1	5
7	-2	1	4	-3	6	-5	-1



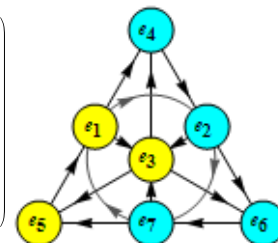
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	1	5	-6	3	-4	1
3	-6	-5	1	-7	-2	-1	-4
4	-5	6	7	1	-1	2	3
5	-4	-3	2	1	-1	7	-6
6	-3	4	1	-2	-7	-1	5
7	2	-1	4	-3	6	-5	-1

BB35 Flip {(1, 7, 2), (1, 5, 3), (1, 4, 6), (2, 6, 3), (2, 5, 4), (3, 4, 7), (5, 6, 7)}

No Flip {(1, 2, 7), (1, 3, 6), (1, 4, 5), (2, 3, 5), (2, 6, 4), (3, 4, 7), (5, 6, 7)}



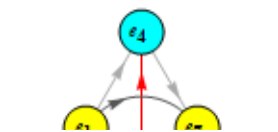
0→1	1	2	3	4	5	6	7
1	-1	-7	-5	6	3	-4	2
2	7	-1	-6	-5	4	3	-1
3	5	6	-1	7	-1	-2	-4
4	-6	5	-7	-1	-2	1	3
5	-3	-4	1	2	-1	7	-6
6	4	-3	2	-1	-7	-1	5
7	-2	1	4	-3	6	-5	-1



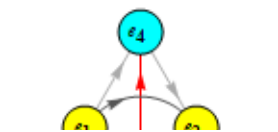
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	5	-6	-3	4	1
3	-6	-5	-1	7	2	1	-4
4	-5	6	-7	-1	1	-2	3
5	4	3	-2	-1	-1	7	-6
6	3	-4	-1	2	-7	-1	5
7	2	-1	4	-3	6	-5	-1

Split=1{3, 4, 5, 6} Flipped

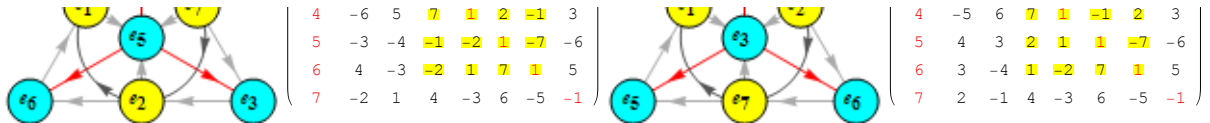
Split=1{3, 4, 5, 6} Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-7	-5	6	3	-4	2
2	7	-1	-6	-5	4	3	-1
3	5	6	1	-7	1	2	-4



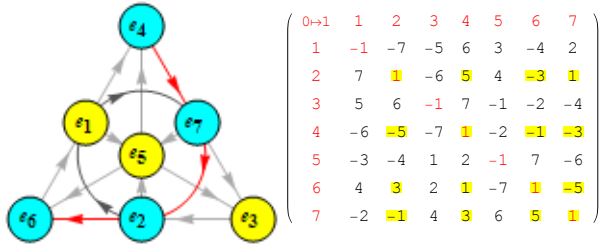
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	5	-6	-3	4	1
3	-6	-5	1	-7	-2	-1	-4



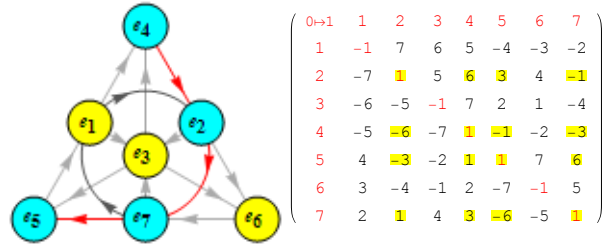
Split-2(2, 4, 6, 7) Flipped



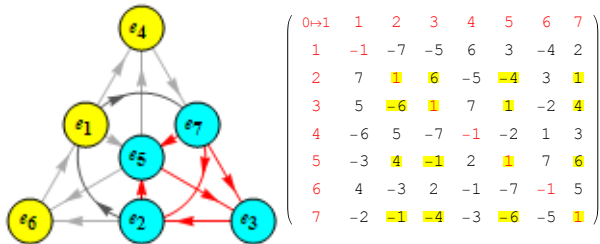
Split-2(2, 4, 5, 7) Not Flipped



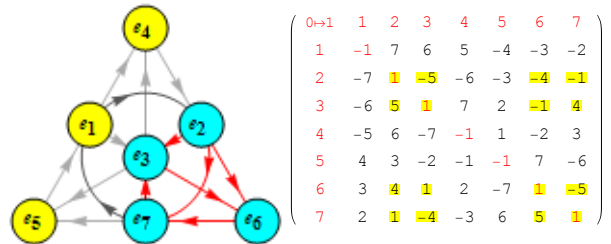
Split-3(2, 3, 5, 7) Flipped



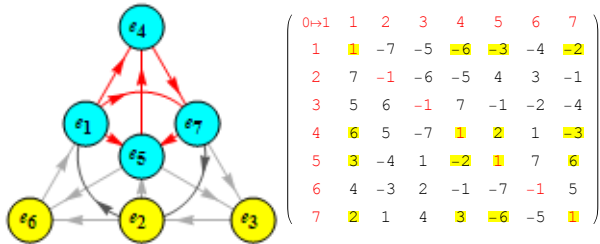
Split-3(2, 3, 6, 7) Not Flipped



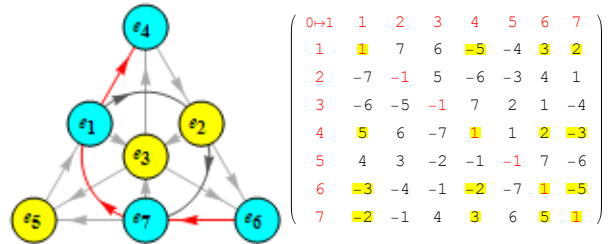
Split-4(1, 4, 5, 7) Flipped



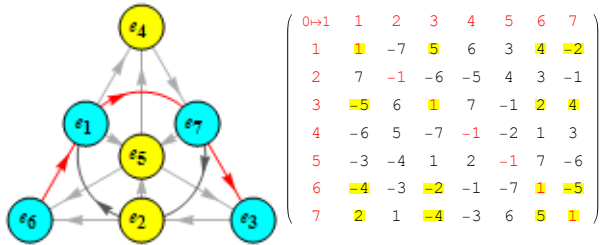
Split-4(1, 4, 6, 7) Not Flipped



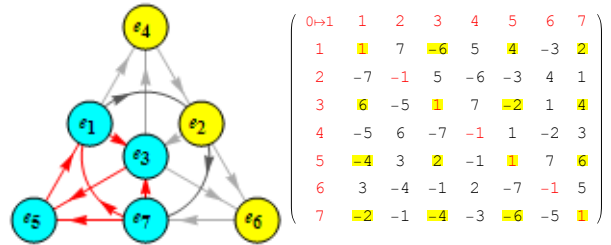
Split-5(1, 3, 6, 7) Flipped



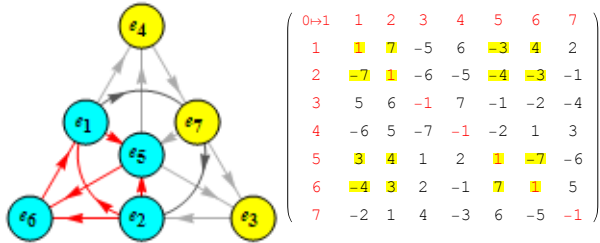
Split-5(1, 3, 5, 7) Not Flipped



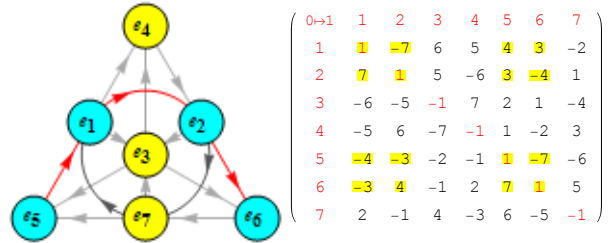
Split-6(1, 2, 5, 6) Flipped



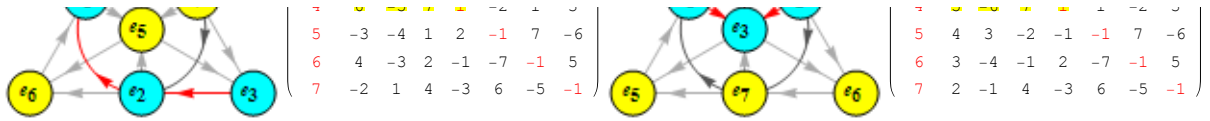
Split-6(1, 2, 5, 6) Not Flipped



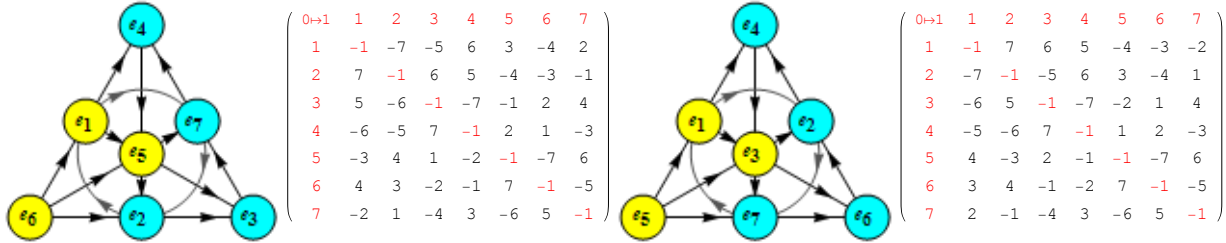
Split-7(1, 2, 3, 4) Flipped



Split-7(1, 2, 3, 4) Not Flipped

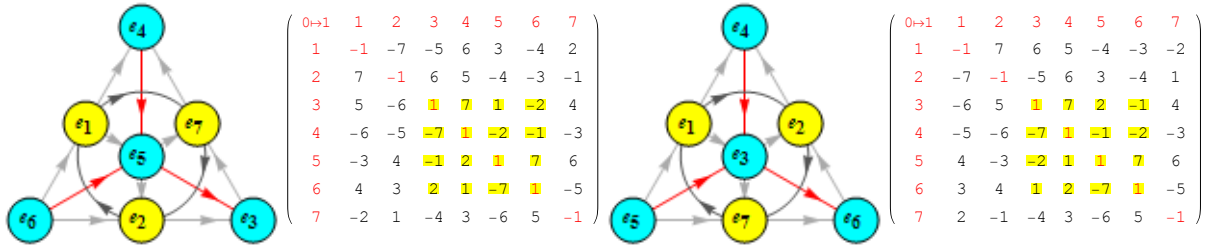


E8H105 Flip  $\{(1, 7, 2), (1, 5, 3), (1, 4, 6), (2, 3, 6), (2, 4, 5), (3, 7, 4), (5, 7, 6)\}$  No Flip  $\{(1, 2, 7), (1, 3, 6), (1, 4, 5), (2, 5, 3), (2, 4, 6), (3, 7, 4), (5, 7, 6)\}$



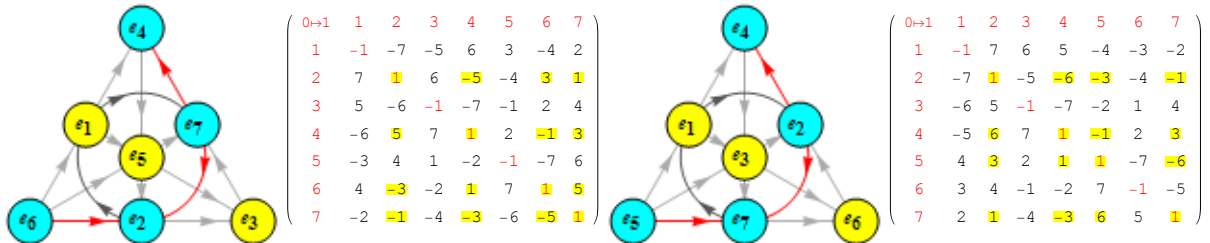
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



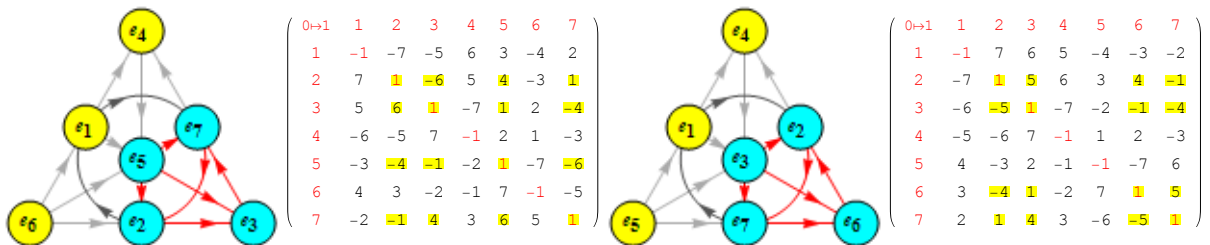
Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



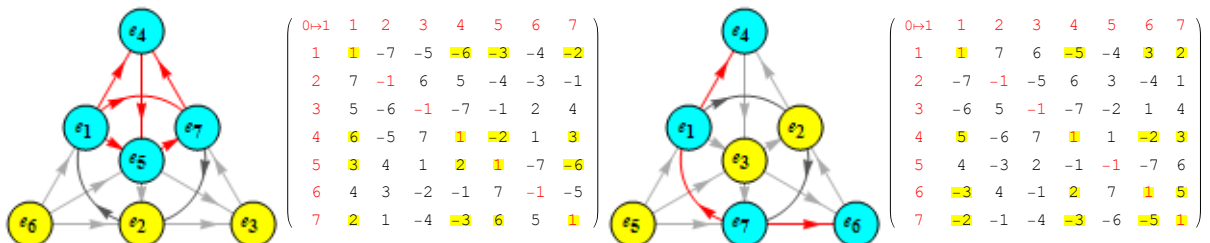
Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 5, 7) Not Flipped



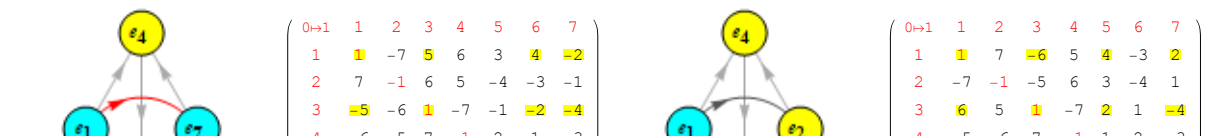
Split=4(1, 4, 5, 7) Flipped

Split=4(1, 4, 5, 7) Not Flipped



Split=5(1, 3, 6, 7) Flipped

Split=5(1, 3, 6, 7) Not Flipped



Split=5(1, 3, 6, 7) Flipped

Split=5(1, 3, 6, 7) Not Flipped



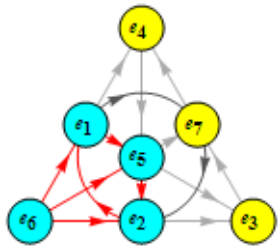
4	-6	-5	7	-1	2	1	-3
5	-3	4	1	-2	-1	-7	6
6	4	3	2	-1	7	1	5
7	2	1	4	3	-6	-5	1

Split=6(1, 2, 5, 6) Flipped



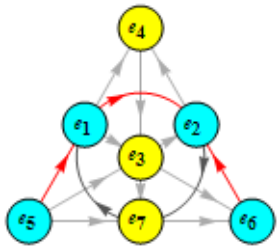
4	-5	-6	7	-1	1	2	-3
5	4	-3	-2	-1	1	-7	-6
6	3	4	-1	-2	7	-1	-5
7	-2	-1	4	3	6	5	1

Split=6(1, 2, 5, 6) Not Flipped



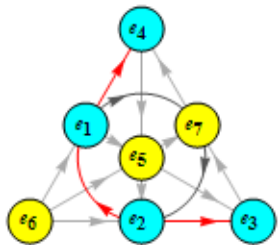
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	7	1	6	5	4	3	-1
3	5	-6	-1	-7	-1	2	4
4	-6	-5	7	-1	2	1	-3
5	3	-4	1	-2	1	7	6
6	4	-3	-2	-1	-7	1	-5
7	-2	1	-4	3	-6	5	-1

Split=7(1, 2, 3, 4) Flipped



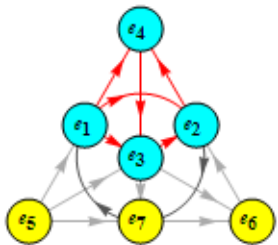
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	1	-5	6	-3	4	1
3	-6	5	-1	-7	-2	1	4
4	-5	-6	7	-1	1	2	-3
5	4	3	2	-1	1	7	6
6	-3	-4	-1	-2	-7	1	-5
7	2	-1	-4	3	-6	5	-1

Split=7(1, 2, 3, 4) Not Flipped



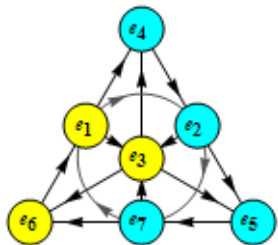
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	7	1	6	-5	-4	-3	-1
3	-5	6	1	7	-1	2	4
4	6	5	-7	1	2	1	-3
5	-3	4	1	-2	-1	-7	6
6	4	3	-2	-1	7	-1	-5
7	-2	1	-4	3	-6	5	-1

EBM115 Flip ((1, 2, 7), (1, 3, 5), (1, 4, 6), (2, 3, 6), (2, 5, 4), (3, 4, 7), (5, 7, 6))



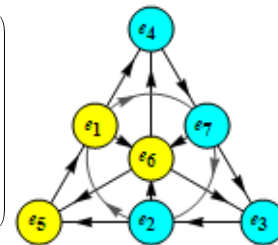
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	-4	-3	-2
2	7	1	5	6	3	-4	1
3	6	-5	1	7	-2	1	4
4	5	6	-7	1	1	2	-3
5	4	-3	2	-1	-1	-7	6
6	3	4	-1	-2	7	-1	-5
7	2	-1	-4	3	-6	5	-1

No Flip ((1, 7, 2), (1, 6, 3), (1, 4, 5), (2, 5, 3), (2, 6, 4), (3, 4, 7), (5, 7, 6))



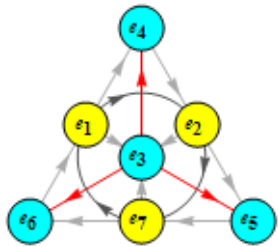
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	-1	6	-5	4	-3	1
3	-5	-6	-1	7	1	2	-4
4	-6	5	-7	-1	-2	1	3
5	3	-4	-1	2	-1	-7	6
6	4	3	-2	-1	7	-1	-5
7	2	-1	4	-3	-6	5	-1

Split=1(3, 4, 5, 6) Flipped



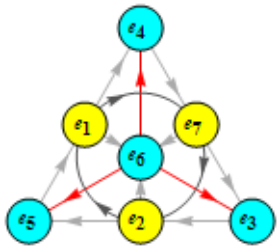
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	-5	-6	3	4	-1
3	6	5	-1	7	-2	-1	-4
4	-5	6	-7	-1	1	-2	3
5	4	-3	2	-1	-1	-7	6
6	-3	-4	1	2	7	-1	-5
7	-2	1	4	-3	-6	5	-1

Split=1(3, 4, 5, 6) Not Flipped



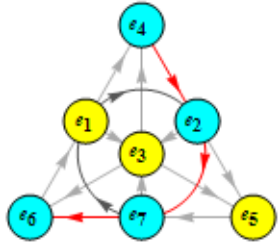
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	-1	6	-5	4	-3	1
3	-5	-6	1	-7	-1	-2	-4
4	-6	5	7	1	2	-1	3
5	3	-4	1	-2	1	7	6
6	4	3	2	1	-7	1	-5
7	2	-1	4	-3	-6	5	-1

Split=2(2, 4, 6, 7) Flipped



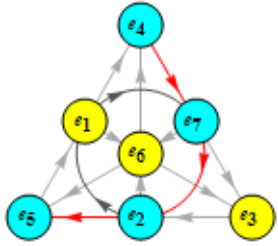
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	-5	-6	3	4	-1
3	6	5	1	-7	2	1	-4
4	-5	6	7	1	-1	2	3
5	4	-3	-2	1	1	7	6
6	-3	-4	-1	-2	-7	1	-5
7	-2	1	4	-3	-6	5	-1

Split=2(2, 4, 5, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	1	6	5	4	3	-1
3	-5	-6	-1	7	1	2	-4
4	-6	-5	-7	1	-2	-1	-3
5	3	-4	-1	2	-1	-7	6
6	4	-3	-2	1	7	1	5
7	2	1	4	3	-6	-5	1

Split=3(2, 3, 5, 7) Flipped



0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	1	-5	6	-3	4	1
3	6	5	-1	7	-2	-1	-4
4	-5	6	-7	1	-1	-2	-3
5	4	3	2	1	1	-7	-6
6	-3	-4	1	2	7	-1	-5
7	-2	-1	4	3	6	5	1

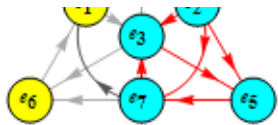
Split=3(2, 3, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	1	6	-5	4	-3	-1
3	-5	6	1	7	-1	2	4

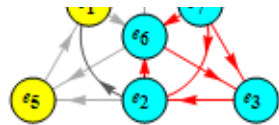


0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	1	5	-6	3	-4	1
3	6	-5	1	7	-2	1	4



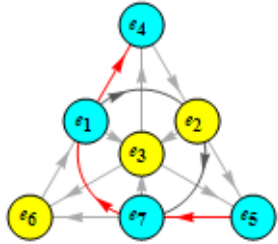
4	-6	5	-7	-1	-2	1	3
5	3	4	1	2	-7	-6	
6	4	3	-2	-1	7	-1	-5
7	2	1	-4	-3	6	5	1

Split=4(1, 4, 5, 7) Flipped



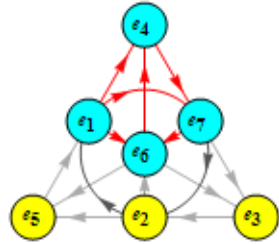
4	-5	6	-7	-1	1	-2	3
5	4	-3	2	-1	-1	-7	6
6	-3	4	-1	2	7	1	5
7	-2	1	-4	-3	-6	-5	1

Split=4(1, 4, 6, 7) Not Flipped



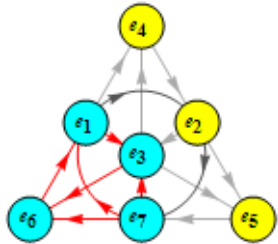
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	6	-5	4	-3	1
3	-5	-6	-1	7	1	2	-4
4	6	5	-7	1	2	1	-3
5	-3	-4	-1	-2	1	-7	-6
6	4	3	-2	-1	7	-1	-5
7	-2	-1	4	3	6	5	1

Split=5(1, 3, 6, 7) Flipped



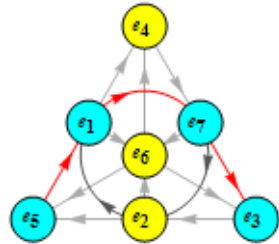
0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	-1	-5	-6	3	4	-1
3	6	5	-1	7	-2	-1	-4
4	5	6	-7	1	1	2	-3
5	4	-3	2	-1	-1	-7	6
6	3	-4	1	-2	7	1	5
7	2	1	4	3	-6	-5	1

Split=5(1, 3, 5, 7) Not Flipped



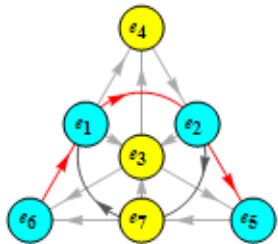
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	6	-5	4	-3	1
3	5	-6	1	7	1	-2	4
4	-6	5	-7	-1	-2	1	3
5	3	-4	-1	2	-1	-7	6
6	-4	3	2	-1	7	1	5
7	-2	-1	-4	-3	-6	-5	1

Split=6(1, 2, 5, 6) Flipped



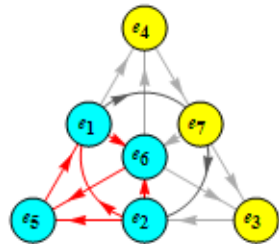
0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	-5	-6	3	4	-1
3	-6	5	1	7	2	-1	4
4	-5	6	-7	-1	1	-2	3
5	-4	-3	-2	-1	1	-7	6
6	-3	-4	1	2	7	-1	-5
7	2	1	-4	-3	6	5	1

Split=6(1, 2, 5, 6) Not Flipped



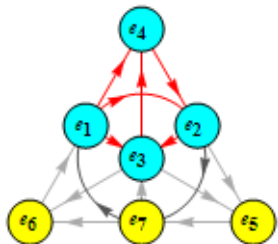
0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	-7	-1	6	-5	-4	3	1
3	-5	-6	-1	7	1	2	-4
4	-6	5	-7	-1	-2	1	3
5	-3	4	-1	2	1	7	6
6	-4	-3	-2	-1	-7	1	-5
7	2	-1	4	-3	-6	5	-1

Split=7(1, 2, 3, 4) Flipped



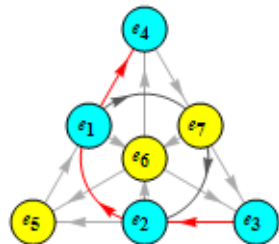
0→1	1	2	3	4	5	6	7
1	1	7	-6	5	4	-3	2
2	-7	-1	-5	-6	-3	-4	-1
3	6	5	-1	7	-2	-1	-4
4	-5	6	-7	-1	1	-2	3
5	-4	3	2	-1	1	7	6
6	3	4	1	2	-7	1	-5
7	-2	1	4	-3	-6	5	-1

Split=7(1, 2, 3, 4) Not Flipped



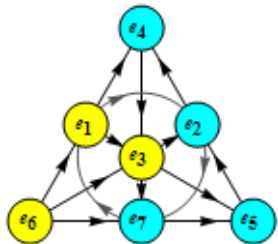
0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	-7	-1	-6	5	4	-3	1
3	5	6	1	-7	1	2	-4
4	6	-5	7	1	-2	1	3
5	3	-4	-1	2	-1	-7	6
6	4	3	-2	-1	7	-1	-5
7	2	-1	4	-3	-6	5	-1

E8h136 Flip ((1, 2, 7), (1, 3, 5), (1, 4, 6), (2, 6, 3), (2, 4, 5), (3, 7, 4), (5, 6, 7))



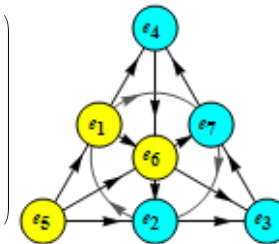
0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	-1	5	6	3	4	-1
3	-6	-5	1	-7	-2	-1	-4
4	5	-6	7	1	1	-2	3
5	4	-3	2	-1	-1	-7	6
6	-3	-4	1	2	7	-1	-5
7	-2	1	4	-3	-6	5	-1

No Flip ((1, 7, 2), (1, 6, 3), (1, 4, 5), (2, 3, 5), (2, 4, 6), (3, 7, 4), (5, 6, 7))



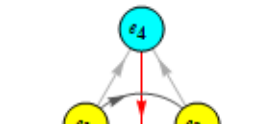
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	-1	-6	5	-4	3	1
3	-5	6	-1	-7	1	-2	4
4	-6	-5	7	-1	2	1	-3
5	3	4	-1	-2	-1	7	-6
6	4	-3	2	-1	-7	-1	5
7	2	-1	-4	3	6	-5	-1

Split=1(3, 4, 5, 6) Flipped

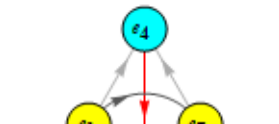


0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	5	6	-3	-4	-1
3	6	-5	-1	-7	2	-1	4
4	-5	-6	7	-1	1	2	-3
5	4	3	-2	-1	-1	7	-6
6	-3	4	1	-2	-7	-1	5
7	-2	1	-4	3	6	-5	-1

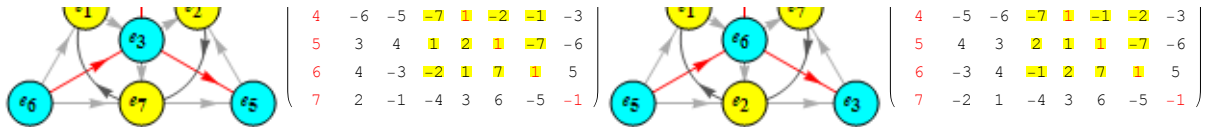
Split=1(3, 4, 5, 6) Not Flipped



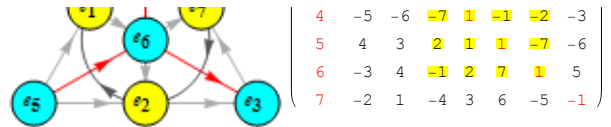
0→1	1	2	3	4	5	6	7
1	-1	7	5	6	-3	-4	-2
2	-7	-1	-6	5	-4	3	1
3	-5	6	1	7	-1	2	4



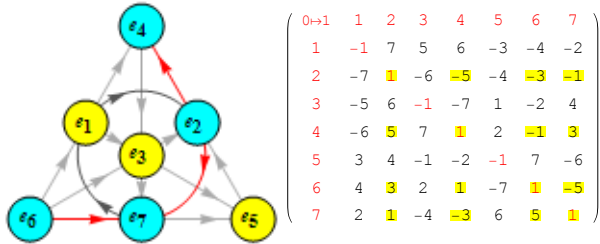
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	5	6	-3	-4	-1
3	6	-5	1	7	-1	2	4



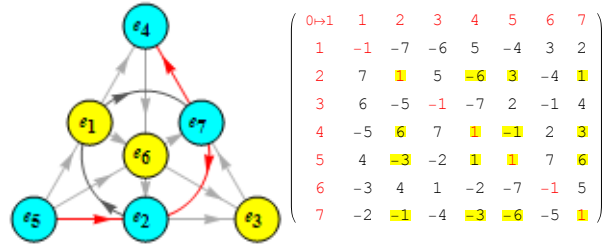
Split=2(2, 4, 6, 7) Flipped



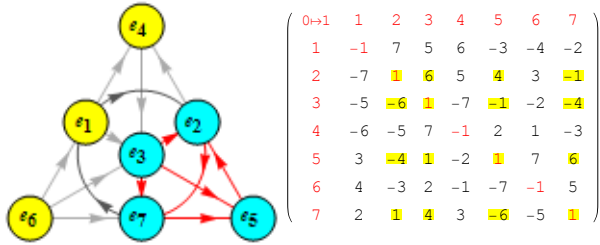
Split=2(2, 4, 5, 7) Not Flipped



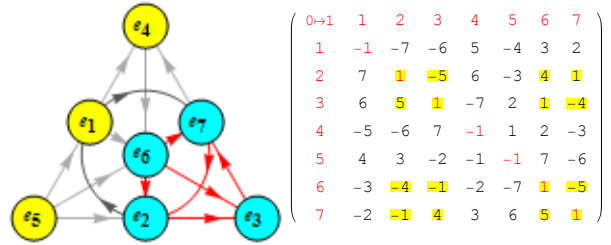
Split=3(2, 3, 5, 7) Flipped



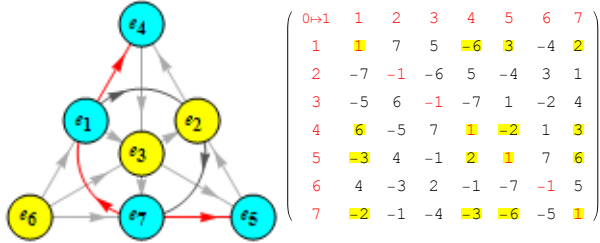
Split=3(2, 3, 6, 7) Not Flipped



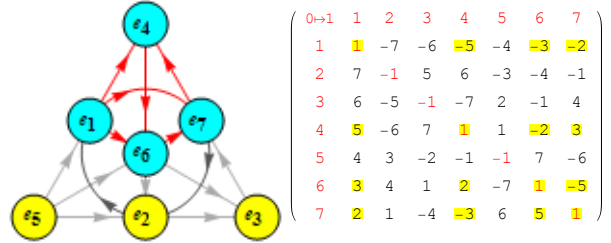
Split=4(1, 4, 5, 7) Flipped



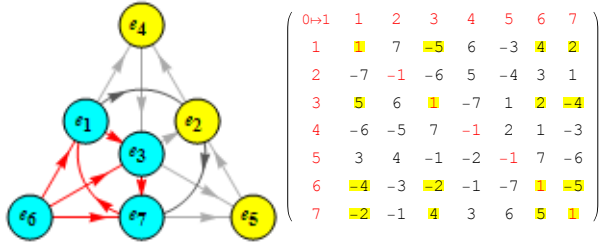
Split=4(1, 4, 6, 7) Not Flipped



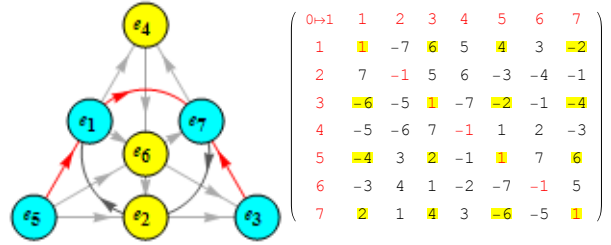
Split=5(1, 3, 6, 7) Flipped



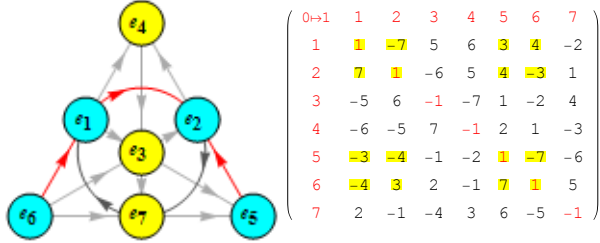
Split=5(1, 3, 5, 7) Not Flipped



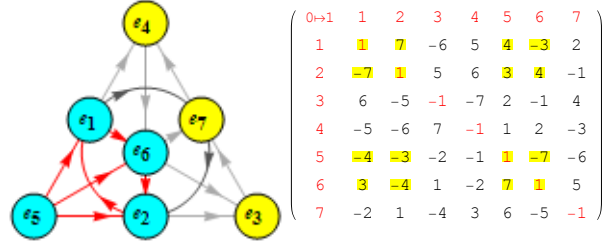
Split=6(1, 2, 5, 6) Flipped



Split=6(1, 2, 5, 6) Not Flipped

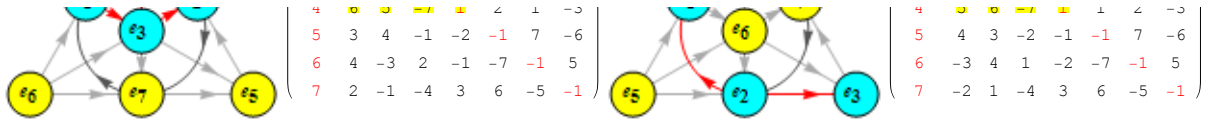


Split=7(1, 2, 3, 4) Flipped



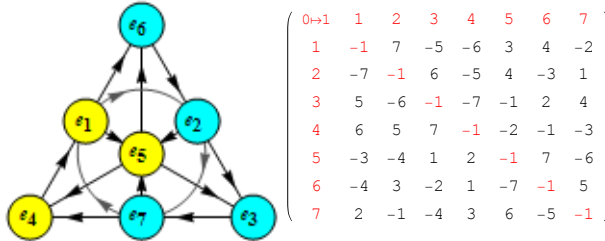
Split=7(1, 2, 3, 4) Not Flipped



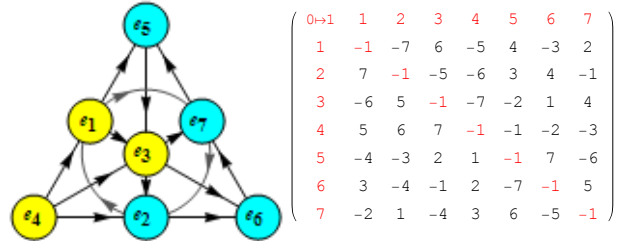


EB8116 Flip ((1, 2, 7), (1, 5, 3), (1, 6, 4), (2, 3, 6), (2, 5, 4), (3, 7, 4), (5, 6, 7))

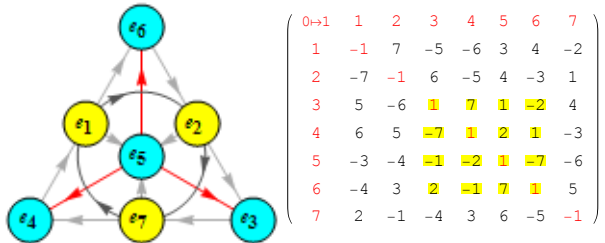
No Flip ((1, 7, 2), (1, 3, 6), (1, 5, 4), (2, 5, 3), (2, 6, 4), (3, 7, 4), (5, 6, 7))



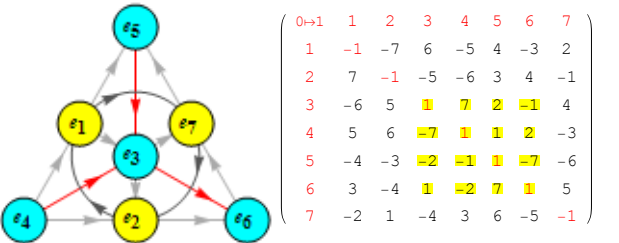
Split=1(3, 4, 5, 6) Flipped



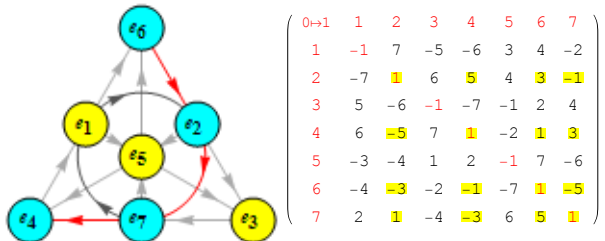
Split=1(3, 4, 5, 6) Not Flipped



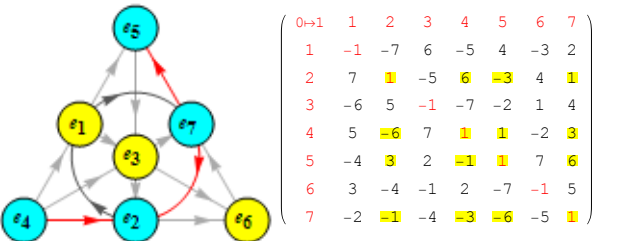
Split=2(2, 4, 6, 7) Flipped



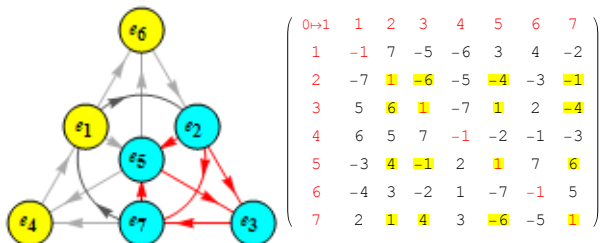
Split=2(2, 4, 6, 7) Not Flipped



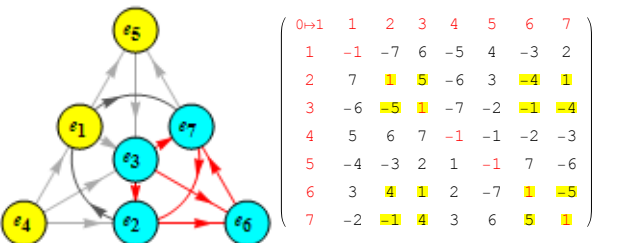
Split=3(2, 3, 5, 7) Flipped



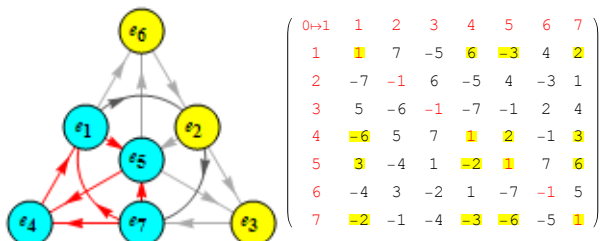
Split=3(2, 3, 6, 7) Not Flipped



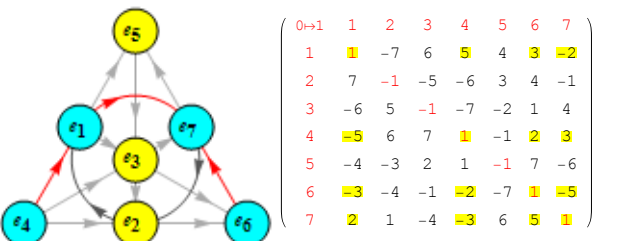
Split=4(1, 4, 5, 7) Flipped



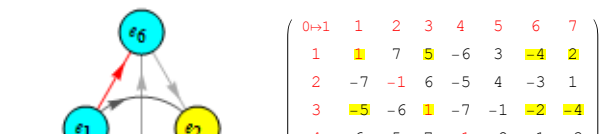
Split=4(1, 4, 6, 7) Not Flipped



Split=5(1, 3, 6, 7) Flipped



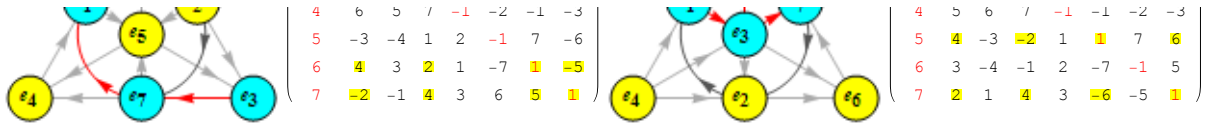
Split=5(1, 3, 5, 7) Not Flipped



Split=5(1, 3, 6, 7) Flipped

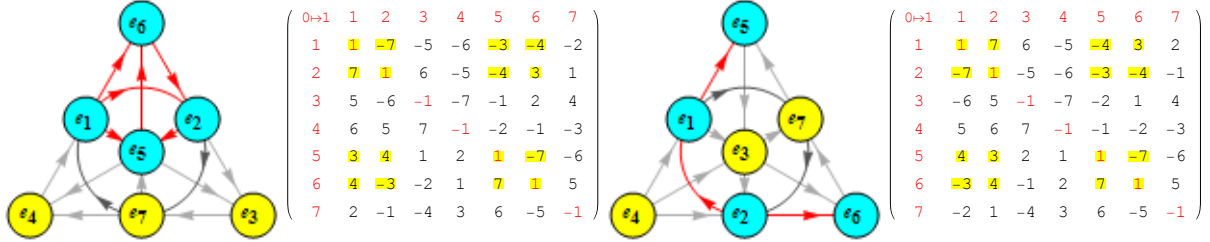


Split=5(1, 3, 6, 7) Not Flipped



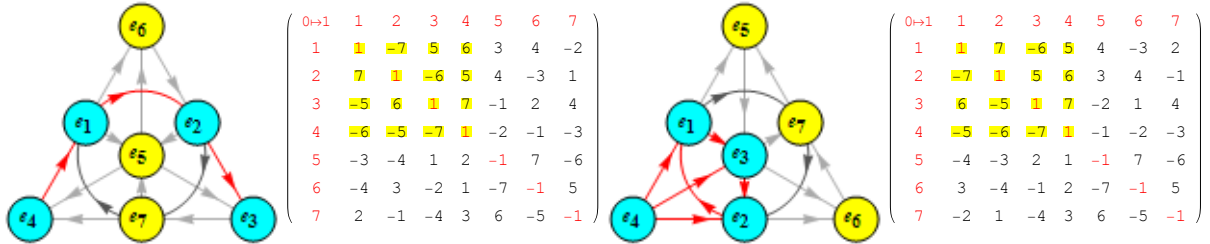
Split=6(1, 2, 5, 6) Flipped

Split=6(1, 2, 5, 6) Not Flipped



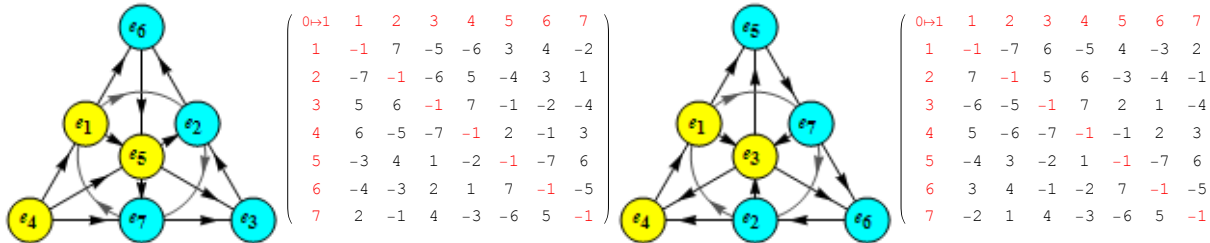
Split=7(1, 2, 3, 4) Flipped

Split=7(1, 2, 3, 4) Not Flipped



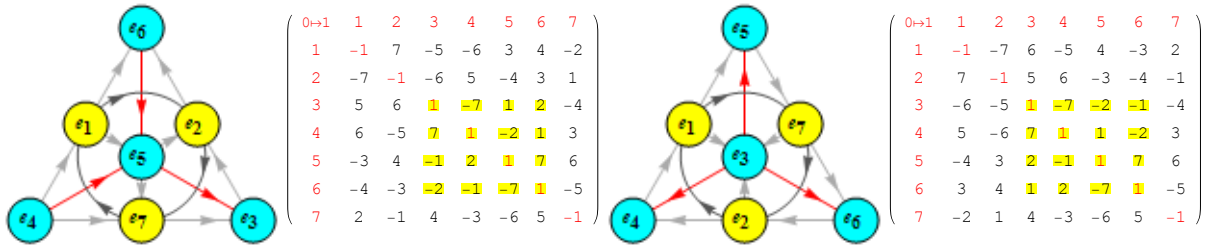
EB8135 Flip ((1, 2, 7), (1, 5, 3), (1, 6, 4), (2, 6, 3), (2, 4, 5), (3, 4, 7), (5, 7, 6))

No Flip ((1, 7, 2), (1, 3, 6), (1, 5, 4), (2, 3, 5), (2, 4, 6), (3, 4, 7), (5, 7, 6))



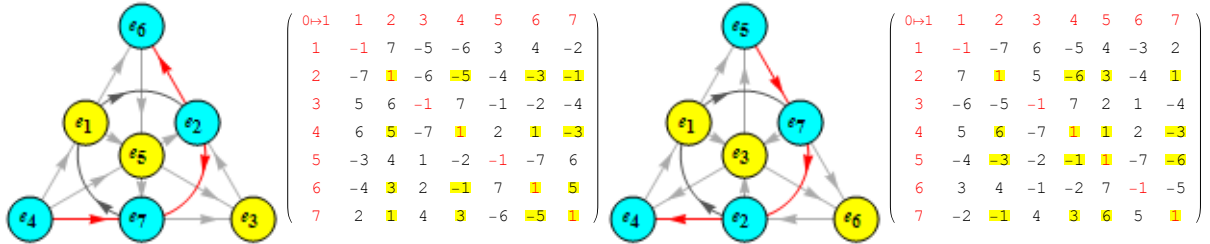
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



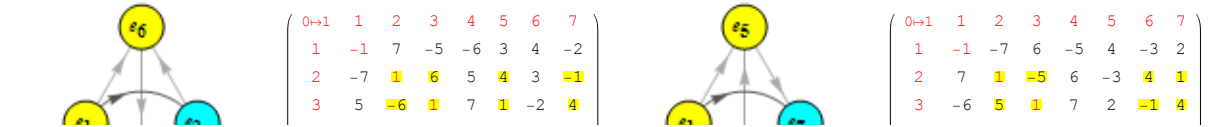
Split=2(2, 4, 6, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



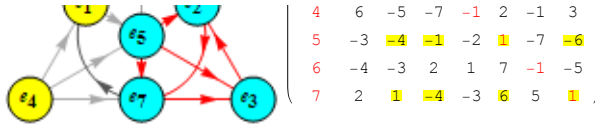
Split=3(2, 3, 5, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



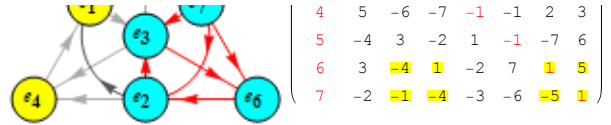
Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



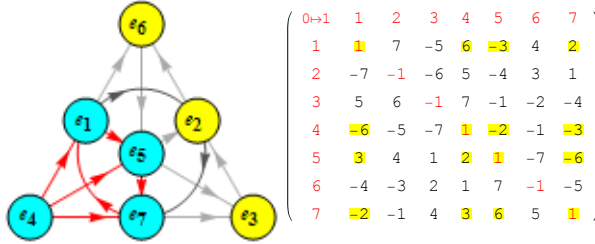
Split=4(1, 4, 5, 7) Flipped

4	6	-5	-7	-1	2	-1	3
5	-3	-4	-1	-2	1	-7	-6
6	-4	-3	2	1	7	-1	-5
7	2	1	-4	-3	6	5	1



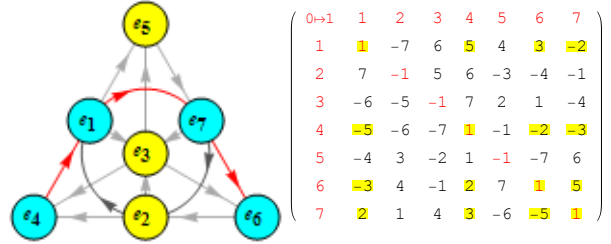
Split=4(1, 4, 6, 7) Not Flipped

4	5	-6	-7	-1	-1	2	3
5	-4	3	-2	1	-1	-7	6
6	3	-4	1	-2	7	1	5
7	-2	1	-4	-3	-6	-5	1



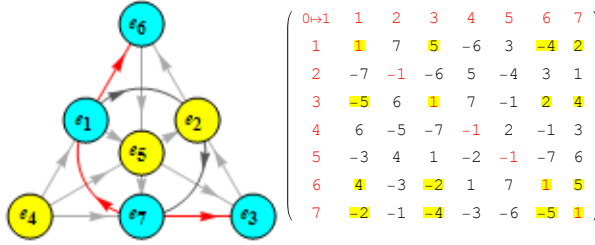
Split=5(1, 3, 6, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	-6	5	-4	3	1
3	5	6	-1	7	-1	-2	-4
4	-6	-5	-7	1	-2	-1	-3
5	3	4	1	2	1	-7	-6
6	-4	-3	2	1	7	-1	-5
7	-2	-1	4	3	6	5	1



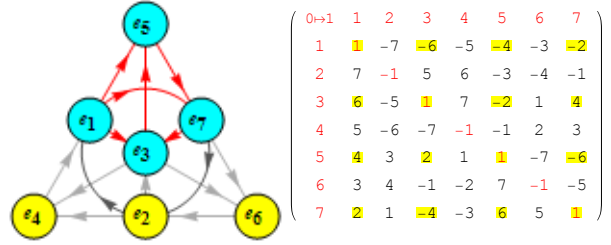
Split=5(1, 3, 5, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	6	5	4	3	-2
2	7	-1	5	6	-3	-4	-1
3	-6	-5	-1	7	2	1	-4
4	-5	-6	-7	1	-1	-2	-3
5	-4	3	-2	1	-1	-7	6
6	-3	4	-1	2	7	1	5
7	2	1	4	3	-6	-5	1



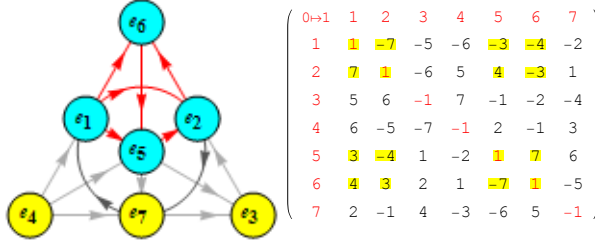
Split=6(1, 2, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	-6	5	-4	3	1
3	-5	6	1	7	-1	2	4
4	6	-5	-7	-1	2	-1	3
5	-3	4	1	-2	-1	-7	6
6	4	-3	-2	1	7	1	5
7	-2	-1	-4	-3	-6	-5	1



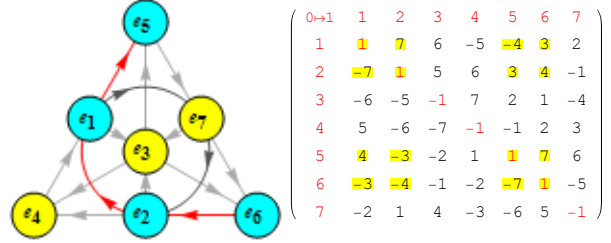
Split=6(1, 2, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-6	-5	-4	-3	-2
2	7	-1	5	6	-3	-4	-1
3	6	-5	1	7	-2	1	4
4	5	-6	-7	-1	-1	2	3
5	4	3	2	1	1	-7	6
6	3	4	-1	-2	7	-1	-5
7	2	1	-4	-3	6	5	1



Split=7(1, 2, 3, 4) Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	1	-6	5	4	-3	1
3	5	6	-1	7	-1	-2	-4
4	6	-5	-7	-1	2	-1	3
5	3	4	1	-2	1	7	6
6	4	3	2	1	-7	1	-5
7	2	-1	4	-3	-6	5	-1

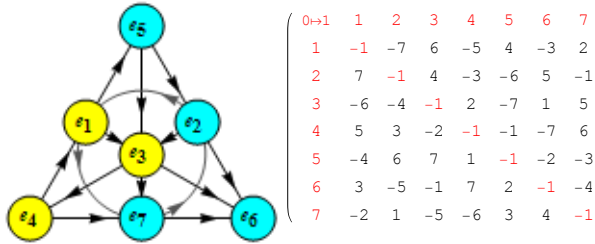


Split=7(1, 2, 3, 4) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	7	6	-5	-4	3	2
2	-7	1	5	6	3	4	-1
3	-6	-5	-1	7	2	1	-4
4	5	-6	-7	-1	-1	2	3
5	4	3	-2	1	1	7	6
6	-3	4	-1	-2	-7	1	-5
7	-2	1	4	-3	-6	5	-1

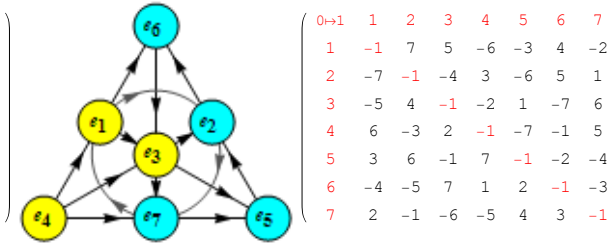
BB16 Flip ((1, 7, 2), (1, 3, 6), (1, 5, 4), (2, 3, 4), (2, 6, 5), (3, 7, 5), (4, 7, 6))

No Flip ((1, 2, 7), (1, 3, 5), (1, 6, 4), (2, 4, 3), (2, 6, 5), (3, 7, 6), (4, 7, 5))



Split=1(3, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	-1	4	-3	-6	5	-1
3	-6	-4	-1	2	-7	1	5
4	5	3	-2	-1	-1	-7	6
5	-4	6	7	1	-1	-2	-3
6	3	-5	-1	7	2	-1	-4
7	-2	1	-5	-6	3	4	-1



Split=1(3, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	-4	3	-6	5	1
3	-5	4	-1	-2	1	-7	6
4	6	-3	2	-1	-7	-1	5
5	3	6	-1	7	-1	-2	-4
6	-4	-5	7	1	2	-1	-3
7	2	-1	-6	-5	4	3	-1



0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	-1	4	-3	-6	5	-1
3	-6	-4	1	-2	7	-1	5



0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	-4	3	-6	5	1
3	-5	4	1	2	-1	7	6



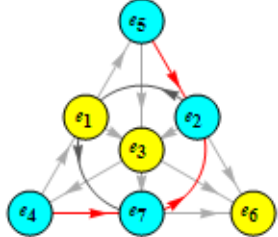
4	5	3	2	1	1	7	6
5	-4	6	-7	-1	1	2	-3
6	3	-5	1	-7	-2	1	-4
7	-2	1	-5	-6	3	4	-1

Split=2(2, 4, 5, 7) Flipped



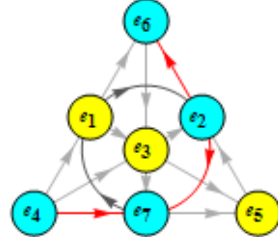
4	6	-3	-2	1	7	1	5
5	3	6	1	-7	1	2	-4
6	-4	-5	-7	-1	-2	1	-3
7	2	-1	-6	-5	4	3	-1

Split=2(2, 4, 6, 7) Not Flipped



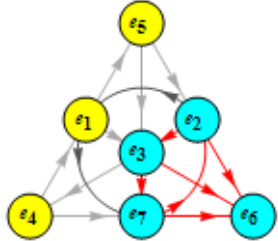
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	1	4	3	6	5	1
3	-6	-4	-1	2	-7	1	5
4	5	-3	-2	1	1	-7	-6
5	-4	-6	7	-1	1	-2	3
6	3	-5	-1	7	2	-1	-4
7	-2	-1	-5	6	-3	4	1

Split=3(2, 3, 6, 7) Flipped



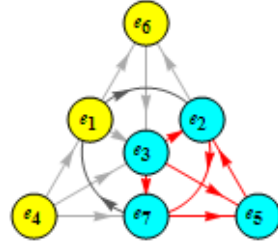
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	-4	-3	-6	-5	-1
3	-5	4	-1	-2	1	-7	6
4	6	3	2	1	-7	1	-5
5	3	6	-1	7	-1	-2	-4
6	-4	5	7	-1	2	1	3
7	2	1	-6	5	4	-3	1

Split=3(2, 3, 5, 7) Not Flipped



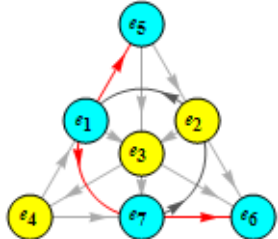
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	1	-4	-3	-6	-5	1
3	-6	4	1	2	-7	-1	-5
4	5	3	-2	-1	-1	-7	6
5	-4	6	7	1	-1	-2	-3
6	3	5	1	7	2	1	4
7	-2	-1	5	-6	3	-4	1

Split=4(1, 5, 6, 7) Flipped



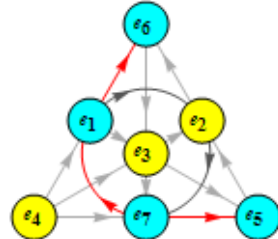
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	4	3	6	5	-1
3	-5	-4	1	-2	-1	-7	-6
4	6	-3	2	-1	-7	-1	5
5	3	-6	1	7	1	-2	4
6	-4	-5	7	1	2	-1	-3
7	2	1	6	-5	-4	3	1

Split=4(1, 5, 6, 7) Not Flipped



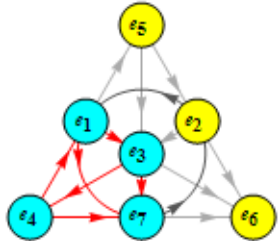
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	4	-3	-6	5	-1
3	-6	-4	-1	2	-7	1	5
4	5	3	-2	-1	-1	-7	6
5	4	6	7	1	1	2	3
6	-3	-5	-1	7	-2	1	4
7	2	1	-5	-6	-3	-4	1

Split=5(1, 3, 4, 7) Flipped



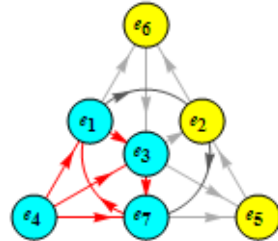
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	-4	3	-6	5	1
3	-5	4	-1	-2	1	-7	6
4	6	-3	2	-1	-7	-1	5
5	-3	6	-1	7	1	2	4
6	4	-5	7	1	-2	1	3
7	-2	-1	-6	-5	-4	-3	1

Split=5(1, 3, 4, 7) Not Flipped



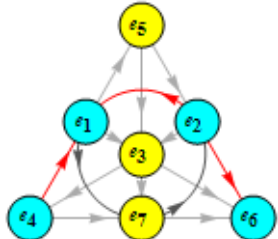
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	4	-3	-6	5	-1
3	6	-4	1	-2	-7	1	-5
4	-5	3	2	1	-1	-7	-6
5	-4	6	7	1	-1	-2	-3
6	3	-5	-1	7	2	-1	-4
7	2	1	5	6	3	4	1

Split=6(1, 2, 4, 6) Flipped



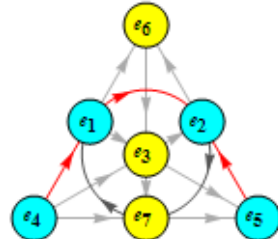
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	-4	3	-6	5	1
3	5	4	1	2	1	-7	-6
4	-6	-3	-2	1	-7	-1	-5
5	3	6	-1	7	-1	-2	-4
6	-4	-5	7	1	2	-1	-3
7	-2	-1	6	5	4	3	1

Split=6(1, 2, 4, 5) Not Flipped



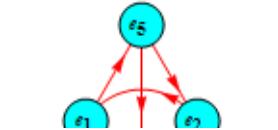
0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	1	4	3	-6	-5	-1
3	-6	-4	-1	2	-7	1	5
4	-5	-3	-2	1	-1	7	6
5	-4	6	7	1	-1	-2	-3
6	-3	5	-1	-7	2	1	-4
7	-2	1	-5	-6	3	4	-1

Split=7(1, 2, 3, 5) Flipped

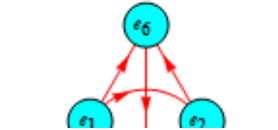


0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	1	-4	-3	6	5	1
3	-5	4	-1	-2	1	-7	6
4	-6	3	2	1	7	-1	5
5	-3	-6	-1	-7	1	-2	-4
6	-4	-5	7	1	2	-1	-3
7	2	-1	-6	-5	4	3	-1

Split=7(1, 2, 3, 6) Not Flipped



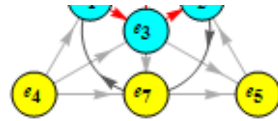
0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	1	-4	-3	6	5	-1
3	6	4	1	2	7	1	5



0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	1	4	3	-6	-5	1
3	5	-4	1	-2	1	7	6



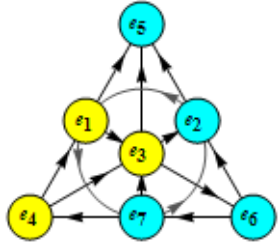
4	5	3	-2	-1	-1	-7	6
5	4	-6	-7	1	1	-2	-3
6	3	-5	-1	7	2	-1	-4
7	-2	1	-5	-6	3	4	-1



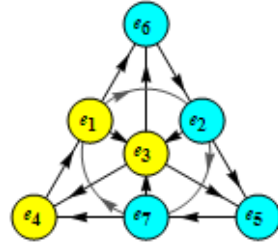
4	6	-3	2	-1	-7	-1	5
5	3	6	-1	7	-1	-2	-4
6	4	5	-7	1	2	1	-3
7	2	-1	-6	-5	4	3	-1

EBM145 Flip  $\{(1, 7, 2), (1, 3, 6), (1, 5, 4), (2, 4, 3), (2, 5, 6), (3, 5, 7), (4, 6, 7)\}$

No Flip  $\{(1, 2, 7), (1, 3, 5), (1, 6, 4), (2, 3, 4), (2, 5, 6), (3, 6, 7), (4, 5, 7)\}$



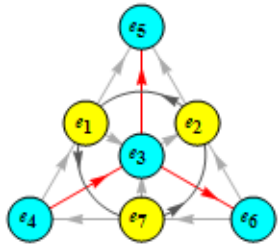
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	-1	-4	3	6	-5	-1
3	-6	4	-1	-2	7	1	-5
4	5	-3	2	-1	-1	7	-6
5	-4	-6	-7	1	-1	2	3
6	3	5	-1	-7	-2	-1	4
7	-2	1	5	6	-3	-4	-1



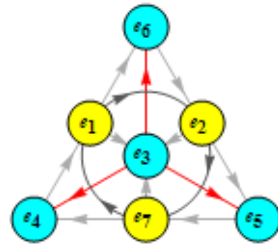
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	4	-3	6	-5	1
3	-5	-4	-1	2	1	7	-6
4	6	3	-2	-1	7	-1	-5
5	3	-6	-1	-7	-1	2	4
6	-4	5	-7	1	-2	-1	3
7	2	-1	6	5	-4	-3	-1

Split=1{3, 4, 5, 6} Flipped

Split=1{3, 4, 5, 6} Not Flipped



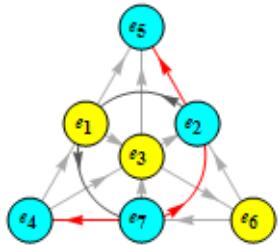
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	-1	-4	3	6	-5	-1
3	-6	4	1	2	-7	-1	-5
4	5	-3	-2	1	1	-7	-6
5	-4	-6	7	-1	1	-2	3
6	3	5	7	2	1	4	
7	-2	1	5	6	-3	-4	-1



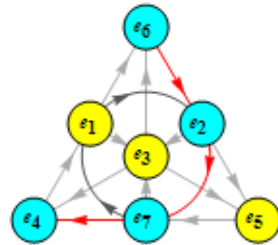
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	4	-3	6	-5	1
3	-5	-4	1	-2	-1	-7	-6
4	6	3	2	1	-7	1	-5
5	3	-6	7	1	-2	4	
6	-4	5	7	-1	2	1	3
7	2	-1	6	5	-4	-3	-1

Split=2{2, 4, 5, 7} Flipped

Split=2{2, 4, 6, 7} Not Flipped



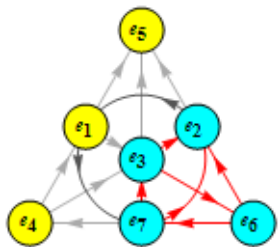
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	1	-4	-3	-6	-5	1
3	-6	4	-1	-2	7	1	-5
4	5	3	2	1	1	7	6
5	-4	6	-7	-1	1	2	-3
6	3	5	-1	-7	-2	-1	4
7	-2	-1	5	-6	3	-4	1



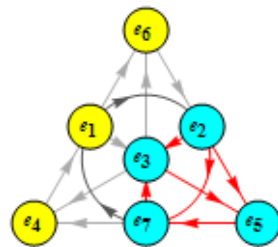
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	4	3	6	5	-1
3	-5	-4	-1	2	1	7	-6
4	6	-3	-2	1	7	1	5
5	3	-6	-1	-7	-1	2	4
6	-4	-5	-7	-1	-2	1	-3
7	2	1	6	-5	-4	3	1

Split=3{2, 3, 6, 7} Flipped

Split=3{2, 3, 5, 7} Not Flipped



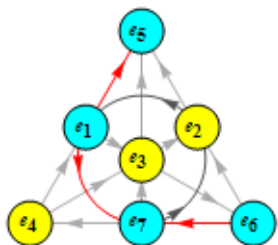
0→1	1	2	3	4	5	6	7
1	-1	-7	6	-5	4	-3	2
2	7	1	4	3	6	5	1
3	-6	-4	1	-2	7	-1	5
4	5	-3	2	-1	-1	7	-6
5	-4	-6	-7	1	-1	2	3
6	3	-5	1	-7	-2	1	-4
7	-2	-1	-5	6	-3	4	1



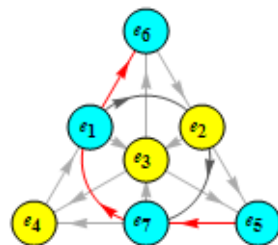
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	-4	-3	-6	-5	-1
3	-5	4	1	2	-1	7	6
4	6	3	-2	-1	7	-1	-5
5	3	6	1	-7	1	2	-4
6	-4	5	-7	1	-2	-1	3
7	2	1	-6	5	4	-3	1

Split=4{1, 5, 6, 7} Flipped

Split=4{1, 5, 6, 7} Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	-4	3	6	-5	-1
3	-6	4	-1	-2	7	1	-5
4	5	-3	2	-1	-1	7	-6
5	4	-6	-7	1	1	-2	-3
6	-3	5	-1	-7	2	1	-4
7	2	1	5	6	3	4	1



0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	4	-3	6	-5	1
3	-5	-4	-1	2	1	7	-6
4	6	3	-2	-1	7	-1	-5
5	-3	-6	-1	-7	1	-2	-4
6	4	5	-7	1	2	1	-3
7	-2	-1	6	5	4	3	1

Split=5{1, 3, 4, 7} Flipped

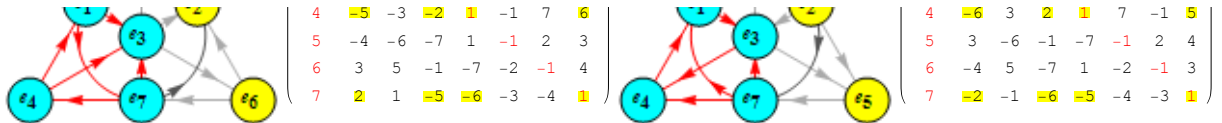
Split=5{1, 3, 4, 7} Not Flipped



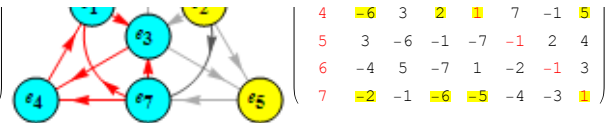
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	-4	3	6	-5	-1
3	6	4	1	2	7	1	5



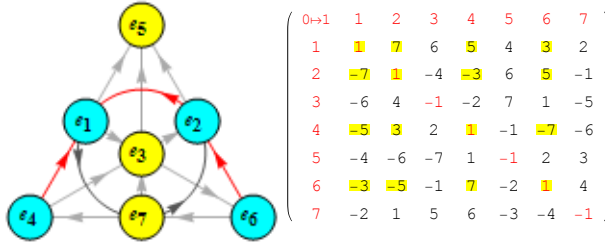
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	4	-3	6	-5	1
3	5	-4	1	-2	1	7	6



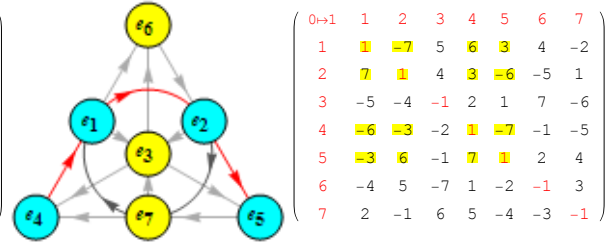
Split=6(1, 2, 4, 6) Flipped



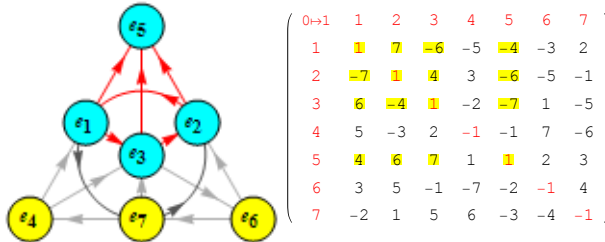
Split=6(1, 2, 4, 5) Not Flipped



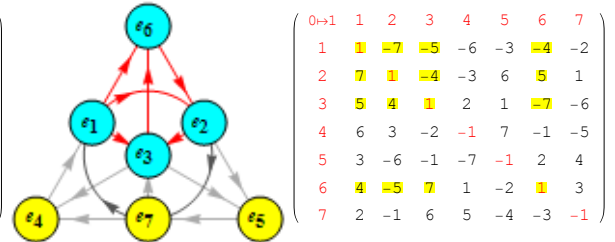
Split=7(1, 2, 3, 5) Flipped



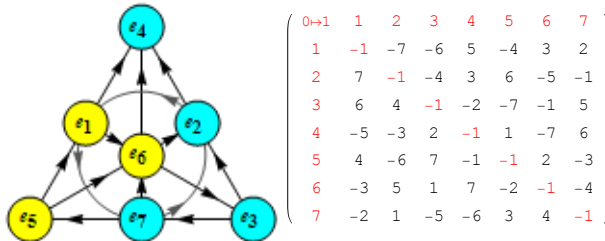
Split=7(1, 2, 3, 6) Not Flipped



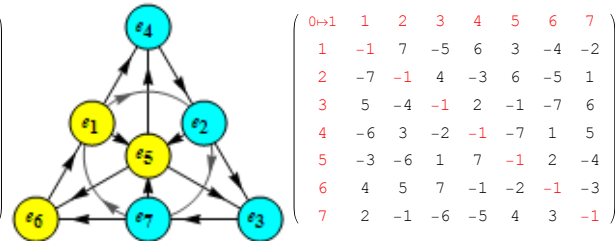
ESB22 Flip ((1, 7, 2), (1, 6, 3), (1, 4, 5), (2, 4, 3), (2, 5, 6), (3, 7, 5), (4, 7, 6))



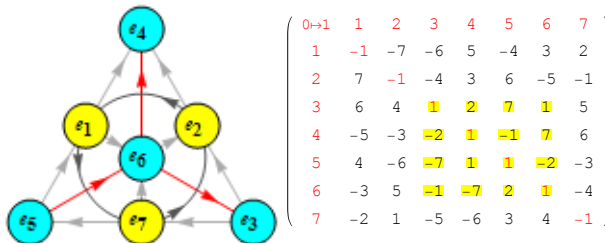
No Flip ((1, 2, 7), (1, 5, 3), (1, 4, 6), (2, 3, 4), (2, 5, 6), (3, 7, 6), (4, 7, 5))



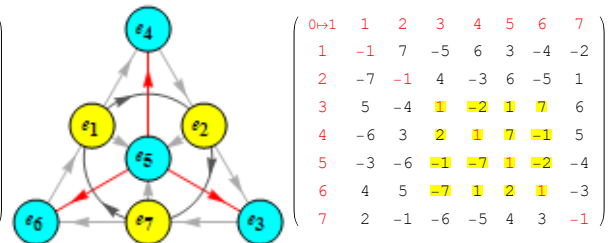
Split=1(3, 4, 5, 6) Flipped



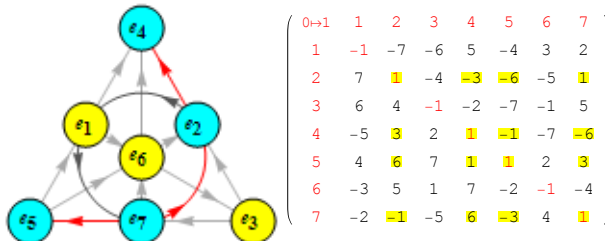
Split=1(3, 4, 5, 6) Not Flipped



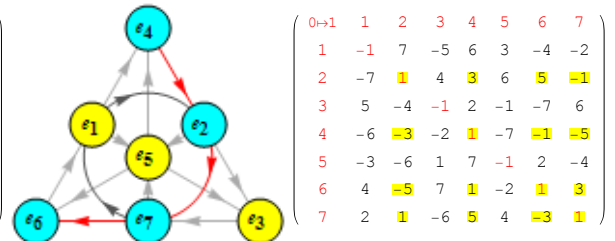
Split=2(2, 4, 5, 7) Flipped



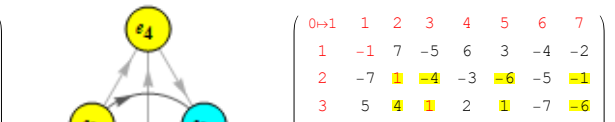
Split=2(2, 4, 6, 7) Not Flipped

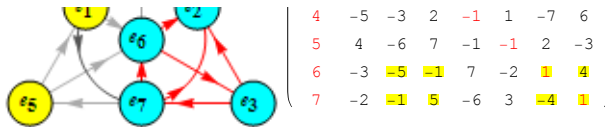


Split=3(2, 3, 6, 7) Flipped



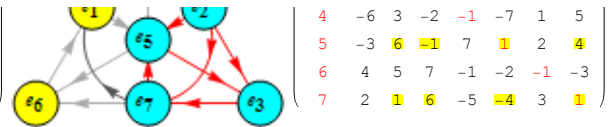
Split=3(2, 3, 5, 7) Not Flipped





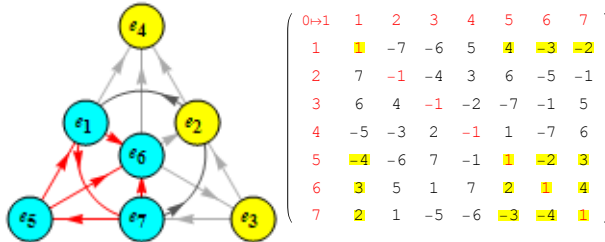
Split=4(1, 5, 6, 7) Flipped

4	-5	-3	2	-1	1	-7	6
5	4	-6	7	-1	-1	2	-3
6	-3	-5	-1	7	-2	4	4
7	-2	-1	5	-6	3	-4	1



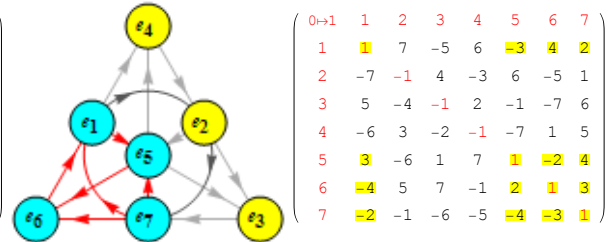
Split=4(1, 5, 6, 7) Not Flipped

4	-6	3	-2	-1	-7	1	5
5	-3	6	-1	7	1	2	4
6	4	5	7	-1	-2	-1	-3
7	2	1	6	-5	-4	3	1



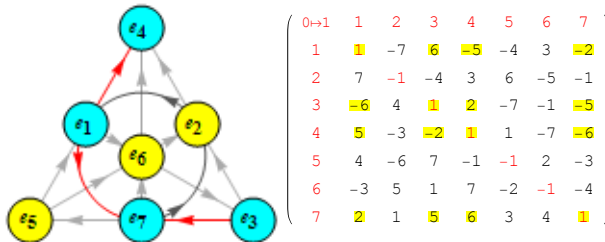
Split=5(1, 3, 4, 7) Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	-4	3	6	-5	-1
3	6	4	-1	-2	-7	-1	5
4	-5	-3	2	-1	1	-7	6
5	-4	-6	7	-1	1	-2	3
6	3	5	1	7	2	1	4
7	2	1	-5	-6	-3	-4	1



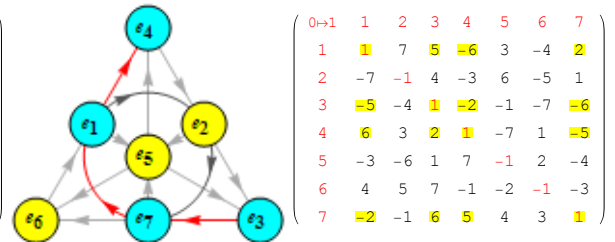
Split=5(1, 3, 4, 7) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	4	-3	6	-5	1
3	5	-4	-1	2	-1	-7	6
4	-6	3	-2	-1	-7	1	5
5	3	-6	1	7	1	-2	4
6	-4	5	7	-1	2	1	3
7	-2	-1	-6	-5	-4	-3	1



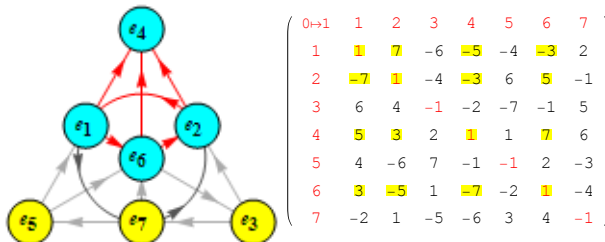
Split=6(1, 2, 4, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	-4	3	6	-5	-1
3	-6	4	1	2	-7	-1	-5
4	5	-3	-2	1	1	-7	-6
5	4	-6	7	-1	-1	2	-3
6	-3	5	1	7	-2	-1	-4
7	2	1	5	6	3	4	1



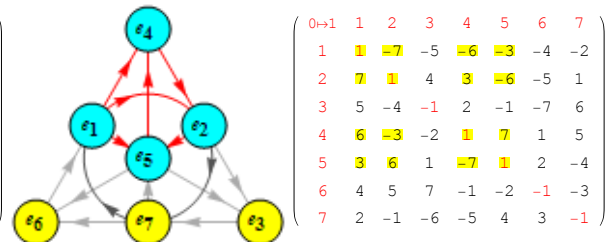
Split=6(1, 2, 4, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	4	-3	6	-5	1
3	-5	-4	1	-2	-1	-7	-6
4	6	3	2	1	-7	1	-5
5	-3	-6	1	7	-1	2	-4
6	4	5	7	-1	-2	-1	-3
7	-2	-1	6	5	4	3	1



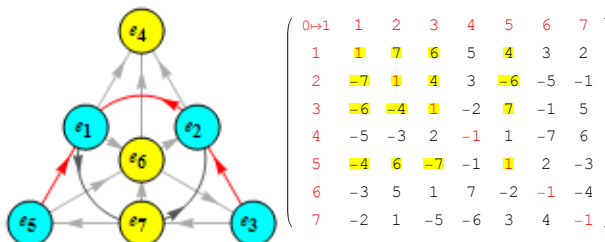
Split=7(1, 2, 3, 5) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	1	-4	-3	6	5	-1
3	6	4	-1	-2	-7	-1	5
4	5	3	2	1	1	7	6
5	4	-6	7	-1	-1	2	-3
6	3	-5	1	-7	-2	1	-4
7	-2	1	-5	-6	3	4	-1



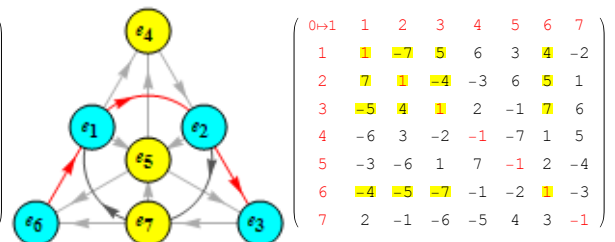
Split=7(1, 2, 3, 5) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	1	4	3	-6	-5	1
3	5	-4	-1	2	-1	-7	6
4	6	-3	-2	1	7	1	5
5	3	6	1	-7	1	2	-4
6	4	5	7	-1	-2	-1	-3
7	2	-1	-6	-5	4	3	-1



Split=7(1, 2, 3, 6) Flipped

0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	1	4	3	-6	-5	-1
3	-6	-4	1	-2	7	-1	5
4	-5	-3	2	-1	1	-7	6
5	-4	6	-7	-1	1	2	-3
6	-3	5	1	7	-2	-1	-4
7	-2	1	-5	-6	3	4	-1

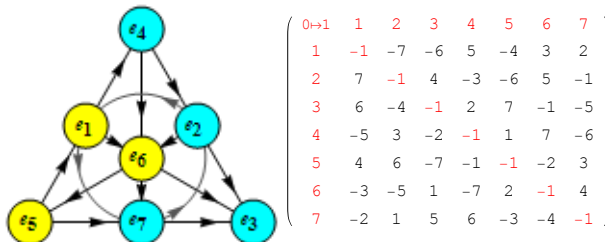


Split=7(1, 2, 3, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	1	-4	-3	6	5	1
3	-5	4	1	2	-1	7	6
4	-6	3	-2	-1	-7	1	5
5	-3	-6	1	7	-1	2	-4
6	-4	-5	-7	-1	-2	-1	-3
7	2	-1	-6	-5	4	3	-1

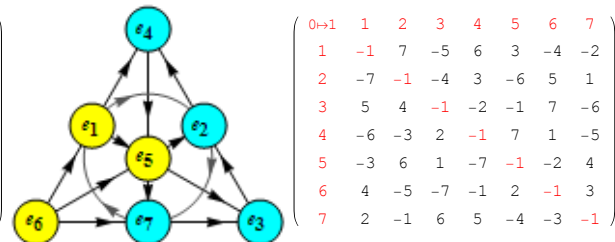
EBH125 Flip ((1, 7, 2), (1, 6, 3), (1, 4, 5), (2, 3, 4), (2, 6, 5), (3, 5, 7), (4, 6, 7))

No Flip ((1, 2, 7), (1, 5, 3), (1, 4, 6), (2, 4, 3), (2, 6, 5), (3, 6, 7), (4, 5, 7))



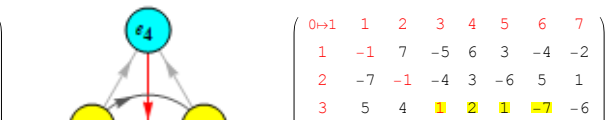
Split=1(3, 4, 5, 6) Flipped

0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	4	-3	-6	5	-1
3	6	-4	-1	2	7	-1	-5
4	-5	3	-2	-1	1	7	-6
5	4	6	-7	-1	-1	-2	3
6	-3	-5	1	-7	2	-1	4
7	-2	1	5	6	-3	-4	-1



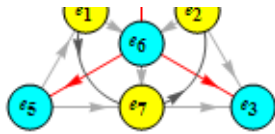
Split=1(3, 4, 5, 6) Not Flipped

0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	-4	3	-6	5	1
3	5	4	-1	-2	-1	7	-6
4	-6	-3	2	-1	7	1	-5
5	-3	6	1	-7	-1	-2	4
6	4	-5	-7	-1	2	-1	3
7	2	-1	6	5	-4	-3	-1

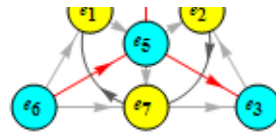


0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	-1	4	-3	-6	5	-1
3	6	-4	1	-2	-7	-1	-5

0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	-4	3	-6	5	1
3	5	4	1	2	1	-7	-6



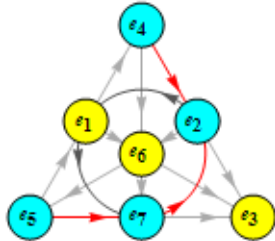
4	-5	3	2	1	-1	-7	-6
5	4	6	7	1	1	2	3
6	-3	-5	-1	7	-2	1	4
7	-2	1	5	6	-3	-4	-1



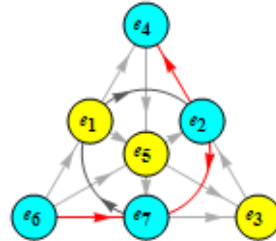
4	-6	-3	-2	1	-7	-1	-5
5	-3	6	-1	7	1	2	4
6	4	-5	7	1	-2	1	3
7	2	-1	6	5	-4	-3	-1

Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



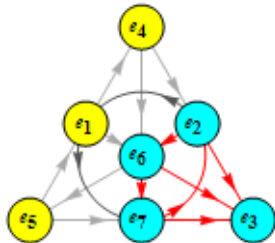
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	1	4	3	6	5	1
3	6	-4	-1	2	7	-1	-5
4	-5	-3	-2	1	-1	7	6
5	4	-6	-7	1	1	-2	-3
6	-3	-5	1	-7	2	-1	4
7	-2	-1	5	-6	3	-4	1



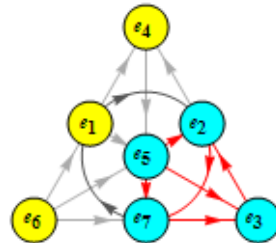
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	-4	-3	-6	-5	-1
3	5	4	-1	-2	-1	7	-6
4	-6	3	2	1	7	-1	5
5	-3	6	1	-7	-1	-2	4
6	4	5	-7	1	2	1	-3
7	2	1	6	-5	-4	3	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 5, 7) Not Flipped



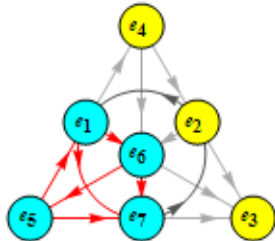
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	5	-4	3	2
2	7	1	-4	-3	-6	-5	1
3	6	4	1	2	7	1	5
4	-5	3	-2	-1	1	7	-6
5	4	6	-7	-1	-1	-2	3
6	-3	5	-1	-7	2	1	-4
7	-2	-1	-5	6	-3	4	1



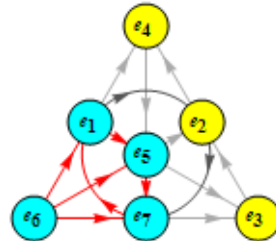
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	4	3	6	5	-1
3	5	-4	1	-2	1	7	6
4	-6	-3	2	-1	7	1	-5
5	-3	-6	-1	-7	1	-2	-4
6	4	-5	-7	-1	2	-1	3
7	2	1	-6	5	4	-3	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



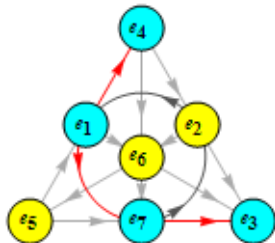
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	4	-3	-6	5	-1
3	6	-4	-1	2	7	-1	-5
4	-5	3	-2	-1	1	7	-6
5	-4	6	-7	-1	1	2	-3
6	3	-5	1	-7	-2	1	-4
7	2	1	5	6	3	4	1



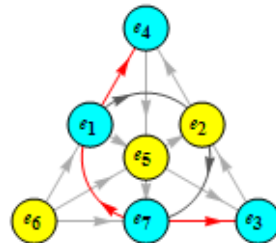
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	-1	-4	3	-6	5	1
3	5	4	-1	-2	-1	7	-6
4	-6	-3	2	-1	7	1	-5
5	3	6	1	-7	1	2	-4
6	-4	-5	-7	-1	-2	1	-3
7	-2	-1	6	5	4	3	1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



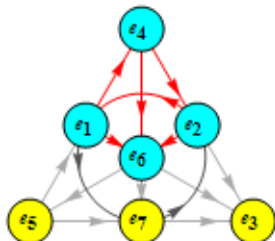
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	4	-3	-6	5	-1
3	-6	-4	1	-2	7	-1	5
4	5	3	2	1	1	7	6
5	4	6	-7	-1	-1	-2	3
6	-3	-5	1	-7	2	-1	4
7	2	1	-5	-6	-3	-4	1



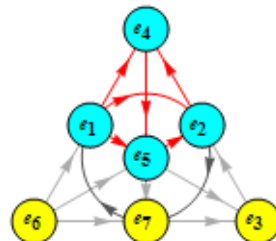
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	-1	-4	3	-6	5	1
3	-5	4	1	2	-1	7	6
4	6	-3	-2	1	7	1	5
5	-3	6	1	-7	-1	-2	4
6	4	-5	-7	-1	2	-1	3
7	-2	-1	-6	-5	-4	-3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	1	4	3	-6	-5	-1
3	6	-4	-1	2	7	-1	-5
4	5	-3	-2	1	1	-7	-6
5	4	6	-7	-1	-1	-2	3
6	3	5	1	7	2	1	4
7	-2	1	5	6	-3	-4	-1



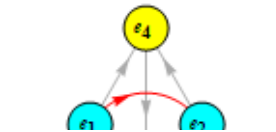
0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	1	-4	-3	6	5	1
3	5	4	-1	-2	-1	7	-6
4	6	3	2	1	-7	1	-5
5	3	-6	1	7	1	-2	4
6	4	-5	-7	-1	2	-1	3
7	2	-1	6	5	-4	-3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	1	-4	-3	6	5	-1
3	-6	4	1	2	-7	-1	-5
.	.	.	.	.	.	.	.

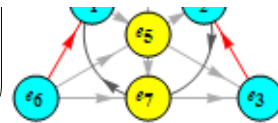


0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	1	4	3	-6	-5	1
3	-5	-4	1	-2	-1	-7	-6
.	.	.	.	.	.	.	.





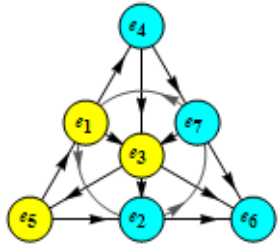
4	-5	3	-2	-1	1	7	-6
5	-4	-6	7	-1	1	-2	3
6	-3	-5	1	-7	2	-1	4
7	-2	1	5	6	-3	-4	-1



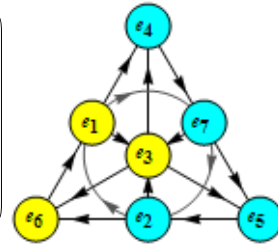
4	-6	-3	2	-1	7	1	-5
5	-3	6	1	-7	-1	-2	4
6	-4	5	7	-1	2	1	3
7	2	-1	6	5	-4	-3	-1

EBH27 Flip  $\{(1, 2, 7), (1, 3, 6), (1, 4, 5), (2, 4, 3), (2, 6, 5), (3, 5, 7), (4, 7, 6)\}$

No Flip  $\{(1, 7, 2), (1, 3, 5), (1, 4, 6), (2, 3, 4), (2, 6, 5), (3, 6, 7), (4, 7, 5)\}$



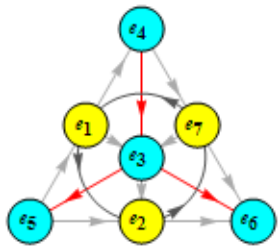
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	-4	3	-6	5	1
3	-6	4	-1	-2	7	1	-5
4	-5	-3	2	-1	1	-7	6
5	4	6	-7	-1	-1	-2	3
6	3	-5	-1	7	2	-1	-4
7	2	-1	5	-6	-3	4	-1



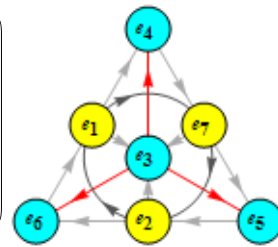
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	-1	4	-3	-6	5	-1
3	-5	-4	-1	2	1	7	-6
4	-6	3	-2	-1	-7	1	5
5	3	6	-1	7	-1	-2	-4
6	4	-5	-7	-1	2	-1	3
7	-2	1	6	-5	4	-3	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



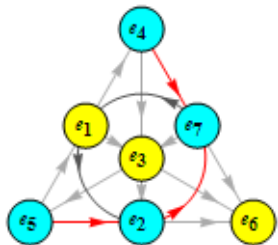
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	-4	3	-6	5	1
3	-6	4	1	2	-7	-1	-5
4	-5	-3	2	1	-1	7	6
5	4	6	7	1	1	2	3
6	3	-5	1	-7	-2	1	-4
7	2	-1	5	-6	-3	4	-1



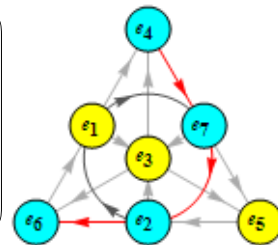
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	-1	4	-3	-6	5	-1
3	-5	-4	1	2	-1	-7	-6
4	-6	3	2	1	7	-1	5
5	3	6	1	-7	1	2	-4
6	4	-5	7	1	-2	1	3
7	-2	1	6	-5	4	-3	-1

Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



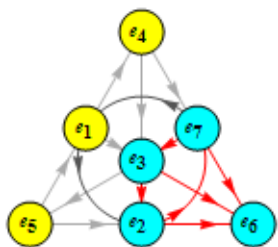
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	1	-4	-3	6	5	-1
3	-6	4	-1	-2	7	1	-5
4	-5	3	2	1	-1	-7	6
5	4	-6	-7	1	1	-2	3
6	3	-5	-1	7	2	-1	-4
7	2	1	5	6	3	4	1



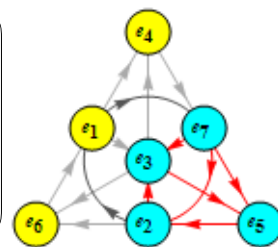
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	1	4	3	-6	-5	1
3	-5	-4	-1	2	1	7	-6
4	-6	3	2	1	-7	-1	5
5	3	6	-1	7	-1	-2	-4
6	4	5	-7	1	2	1	-3
7	-2	-1	6	5	4	3	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 5, 7) Not Flipped



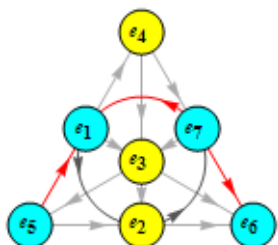
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	1	4	3	-6	-5	-1
3	-6	-4	1	-2	7	-1	5
4	-5	-3	2	-1	1	-7	6
5	4	6	-7	-1	-1	-2	3
6	3	5	1	7	2	1	4
7	2	1	-5	-6	-3	-4	1



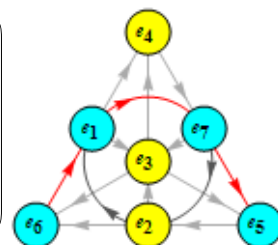
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	1	-4	-3	6	5	1
3	-5	4	1	2	-1	7	6
4	-6	3	-2	-1	-7	1	5
5	3	-6	1	7	1	-2	4
6	4	-5	-7	-1	2	-1	3
7	-2	-1	-6	-5	-4	-3	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



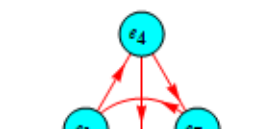
0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	-1	-4	3	-6	5	1
3	-6	4	-1	-2	7	1	-5
4	-5	-3	2	-1	1	-7	6
5	-4	6	-7	-1	1	2	-3
6	-3	-5	-1	7	-2	1	4
7	-2	-1	5	-6	3	-4	1



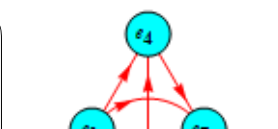
0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	-1	4	-3	-6	5	-1
3	-5	-4	-1	2	1	7	-6
4	-6	3	-2	-1	-7	1	5
5	-3	6	-1	7	1	2	4
6	-4	-5	-7	-1	-2	1	-3
7	2	1	6	-5	-4	3	1

Split=5(1, 3, 4, 7) Flipped

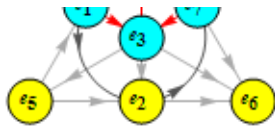
Split=5(1, 3, 4, 7) Not Flipped



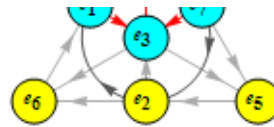
0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	-1	-4	3	-6	5	1
3	6	4	1	2	7	1	5



0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	-1	4	-3	-6	5	-1
3	5	-4	1	-2	1	7	6



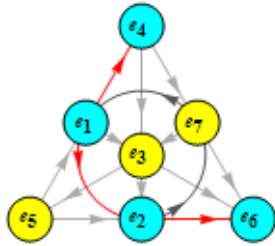
4	5	-3	-2	1	1	-7	-6
5	4	6	-7	-1	-1	-2	3
6	3	-5	-1	7	2	-1	-4
7	-2	-1	-5	6	-3	4	1



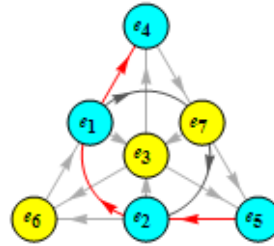
4	6	3	2	1	-7	1	-5
5	3	6	-1	7	-1	-2	-4
6	4	-5	-7	-1	2	-1	3
7	2	1	-6	5	4	-3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



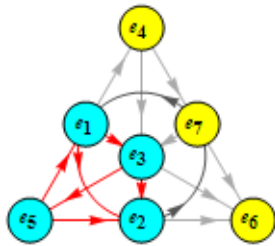
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	1	-4	-3	-6	-5	1
3	-6	4	-1	-2	7	1	-5
4	5	3	2	1	1	7	6
5	4	6	-7	-1	-1	-2	3
6	-3	5	-1	-7	2	1	-4
7	2	-1	5	-6	-3	4	-1



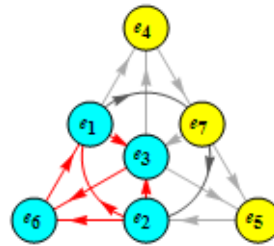
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	1	4	3	6	5	-1
3	-5	-4	-1	2	1	7	-6
4	6	-3	-2	1	7	1	5
5	-3	-6	-1	-7	1	-2	-4
6	4	-5	-7	-1	2	-1	3
7	-2	1	6	-5	4	-3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



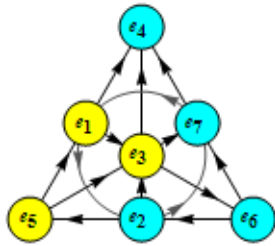
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	1	4	3	6	5	1
3	6	-4	1	-2	-7	1	-5
4	-5	-3	2	-1	1	-7	6
5	-4	-6	7	-1	1	-2	3
6	3	-5	-1	7	2	-1	-4
7	2	-1	5	-6	-3	4	-1



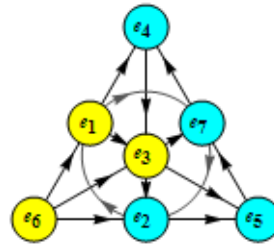
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	1	-4	-3	-6	-5	-1
3	5	4	1	2	1	-7	-6
4	-6	3	-2	-1	-7	1	5
5	3	6	-1	7	-1	-2	-4
6	-4	5	7	-1	2	1	3
7	-2	1	6	-5	4	-3	-1

EBH159 Flip {(1, 2, 7), (1, 3, 6), (1, 4, 5), (2, 3, 4), (2, 5, 6), (3, 7, 5), (4, 6, 7)}

No Flip {(1, 7, 2), (1, 3, 5), (1, 4, 6), (2, 4, 3), (2, 5, 6), (3, 7, 6), (4, 5, 7)}



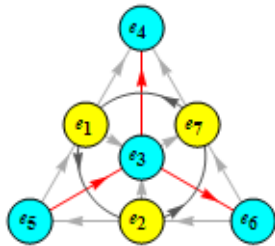
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	4	-3	6	-5	1
3	-6	-4	-1	2	-7	1	5
4	-5	3	-2	-1	1	7	-6
5	4	-6	7	-1	-1	2	-3
6	3	5	-1	-7	-2	-1	4
7	2	-1	-5	6	3	-4	-1



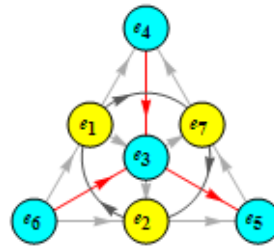
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	-1	-4	3	6	-5	-1
3	-5	4	-1	-2	1	-7	6
4	-6	-3	2	-1	7	1	-5
5	3	-6	-1	-7	-1	2	4
6	4	5	7	-1	-2	-1	-3
7	-2	1	-6	5	-4	3	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



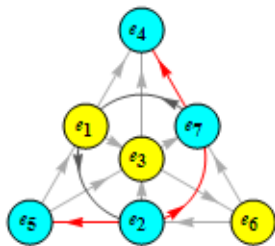
0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	-1	4	-3	6	-5	1
3	-6	-4	1	-2	7	-1	5
4	-5	3	2	1	-1	-7	-6
5	4	-6	-7	1	1	-2	-3
6	3	5	1	7	2	1	4
7	2	-1	-5	6	3	-4	-1



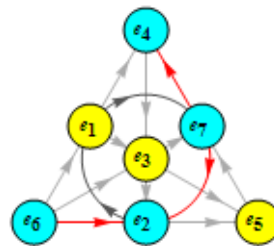
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	-1	-4	3	6	-5	-1
3	-5	4	1	2	-1	7	6
4	-6	-3	-2	1	-7	-1	-5
5	3	-6	1	7	1	-2	4
6	4	5	-7	1	2	1	-3
7	-2	1	-6	5	-4	3	-1

Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	1	4	3	-6	-5	-1
3	-6	-4	-1	2	-7	1	5
4	-5	-3	-2	1	-1	7	6
5	4	6	7	1	1	2	3
6	3	5	-1	-7	-2	-1	4
7	2	1	-5	-6	-3	-4	1



0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	1	-4	-3	6	5	1
3	-5	4	-1	-2	1	-7	6
4	-6	3	2	1	7	-1	5
5	3	-6	-1	-7	-1	2	4
6	4	-5	7	1	-2	1	3
7	-2	-1	-6	-5	-4	-3	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 5, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	7	6	5	-4	-3	-2
2	-7	1	-4	-3	6	5	-1
3	-6	4	1	2	-7	-1	5



0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	1	4	3	-6	-5	1
3	-5	-4	1	-2	-1	-7	-6



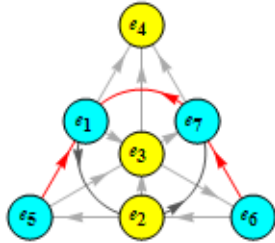
4	-5	3	-2	-1	1	7	-6
5	4	-6	7	-1	-1	2	-3
6	3	-5	1	-7	-2	1	-4
7	2	1	5	6	3	4	1



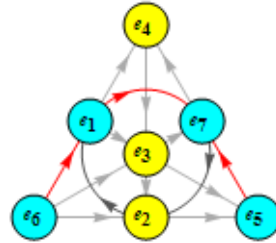
4	-6	-3	2	-1	7	1	-5
5	3	6	1	-7	1	2	-4
6	4	5	7	-1	-2	-1	-3
7	-2	-1	6	5	4	3	1

Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



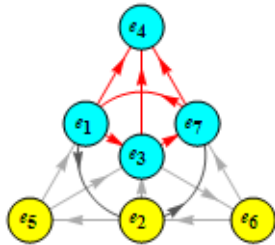
0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	-1	4	-3	6	-5	1
3	-6	-4	-1	2	-7	1	5
4	-5	3	-2	-1	1	7	-6
5	-4	-6	7	-1	1	-2	3
6	-3	5	-1	-7	2	1	-4
7	-2	-1	-5	6	-3	4	1



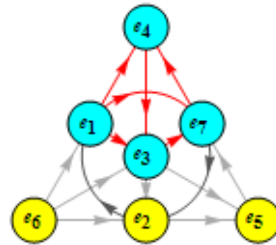
0→1	1	2	3	4	5	6	7
1	1	-7	5	6	3	4	-2
2	7	-1	-4	3	6	-5	-1
3	-5	4	-1	-2	1	-7	6
4	-6	-3	2	-1	7	1	-5
5	-3	-6	-1	-7	1	-2	-4
6	-4	5	7	-1	2	1	3
7	2	1	-6	5	4	-3	1

Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped



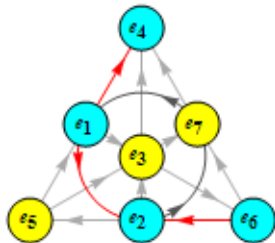
0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	-1	4	-3	6	-5	1
3	6	-4	1	-2	-7	1	-5
4	5	3	2	1	1	7	6
5	4	-6	7	-1	-1	2	-3
6	3	5	-1	-7	-2	-1	4
7	-2	-1	5	-6	3	-4	1



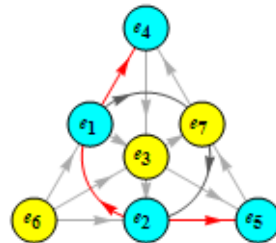
0→1	1	2	3	4	5	6	7
1	1	-7	-5	-6	-3	-4	-2
2	7	-1	-4	3	6	-5	-1
3	5	4	1	2	1	-7	-6
4	6	-3	-2	1	7	1	5
5	3	-6	-1	-7	-1	2	4
6	4	5	7	-1	-2	-1	-3
7	2	1	6	-5	-4	3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



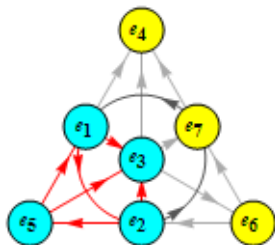
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	1	4	3	6	5	1
3	-6	-4	-1	2	-7	1	5
4	5	-3	-2	1	1	-7	-6
5	4	-6	7	-1	-1	2	-3
6	-3	-5	-1	7	-2	1	4
7	2	-1	-5	6	3	-4	-1



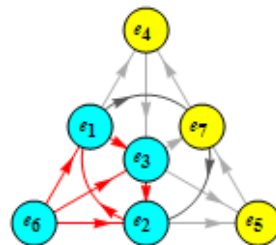
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	-4	2
2	-7	1	-4	-3	-6	-5	-1
3	-5	4	-1	-2	1	-7	6
4	6	3	2	1	-7	1	-5
5	-3	6	-1	7	1	2	4
6	4	5	7	-1	-2	-1	-3
7	-2	1	-6	5	-4	3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



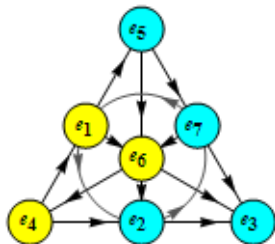
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	1	-4	-3	-6	-5	1
3	6	4	1	2	7	1	5
4	-5	3	-2	-1	1	7	-6
5	-4	6	-7	-1	1	2	-3
6	3	5	-1	-7	-2	-1	4
7	2	-1	-5	6	3	-4	-1



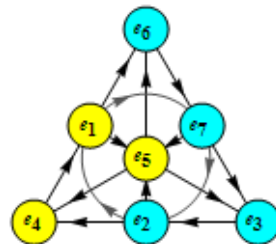
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	-3	4	2
2	-7	1	4	3	6	5	-1
3	5	-4	1	-2	1	7	6
4	-6	-3	2	-1	7	1	-5
5	3	-6	-1	-7	-1	2	4
6	-4	-5	-7	-1	-2	1	-3
7	-2	1	-6	5	-4	3	-1

BB#31 Flip {(1, 2, 7), (1, 6, 3), (1, 5, 4), (2, 3, 4), (2, 5, 6), (3, 5, 7), (4, 7, 6)}

No Flip {(1, 7, 2), (1, 5, 3), (1, 6, 4), (2, 4, 3), (2, 5, 6), (3, 6, 7), (4, 7, 5)}



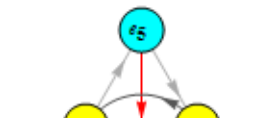
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	4	-3	6	-5	1
3	6	-4	-1	2	7	-1	-5
4	5	3	-2	-1	-1	-7	6
5	-4	-6	-7	1	-1	2	3
6	-3	5	1	7	-2	-1	-4
7	2	-1	5	-6	-3	4	-1



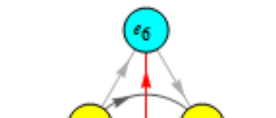
0→1	1	2	3	4	5	6	7
1	-1	-7	-5	-6	3	4	2
2	7	-1	-4	3	6	-5	-1
3	5	4	-1	-2	-1	7	-6
4	6	-3	2	-1	-7	-1	5
5	-3	-6	1	7	-1	2	-4
6	-4	5	-7	1	-2	-1	3
7	-2	1	6	-5	4	-3	-1

Split=1(3, 4, 5, 6) Flipped

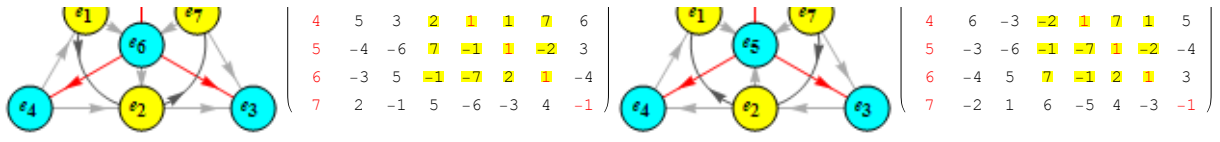
Split=1(3, 4, 5, 6) Not Flipped



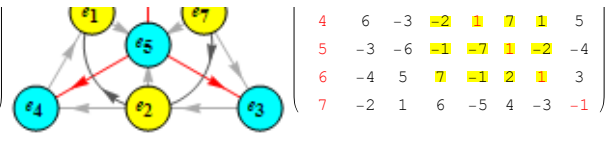
0→1	1	2	3	4	5	6	7
1	-1	7	-6	-5	4	3	-2
2	-7	-1	4	-3	6	-5	1
3	6	-4	1	-2	-7	1	-5



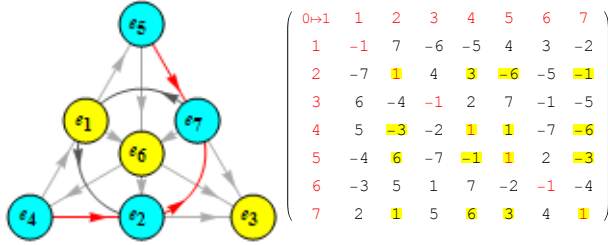
0→1	1	2	3	4	5	6	7
1	-1	-7	-5	-6	3	4	2
2	7	-1	-4	3	6	-5	-1
3	5	4	1	2	1	-7	-6



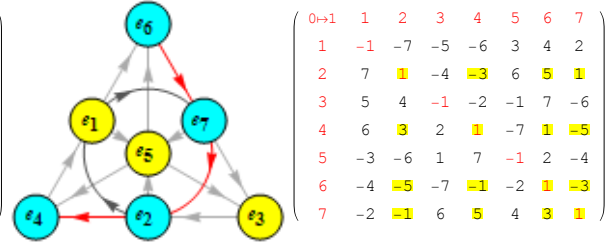
Split=2(2, 4, 5, 7) Flipped



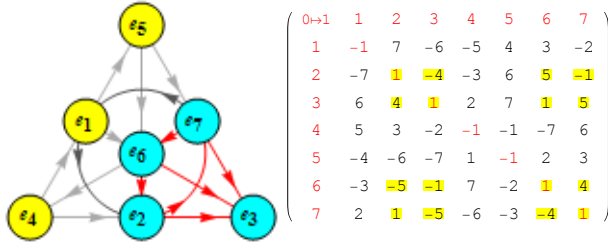
Split=2(2, 4, 6, 7) Not Flipped



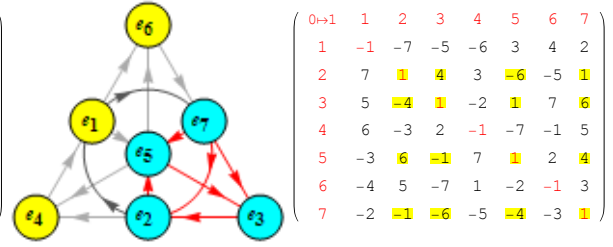
Split=3(2, 3, 6, 7) Flipped



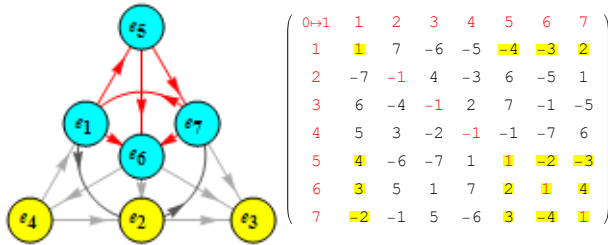
Split=3(2, 3, 5, 7) Not Flipped



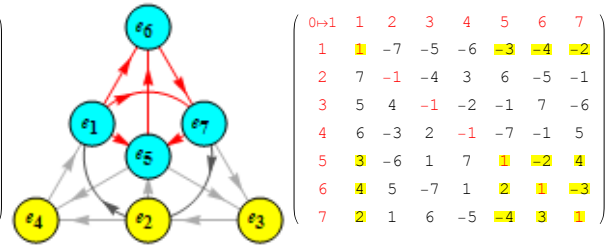
Split=4(1, 5, 6, 7) Flipped



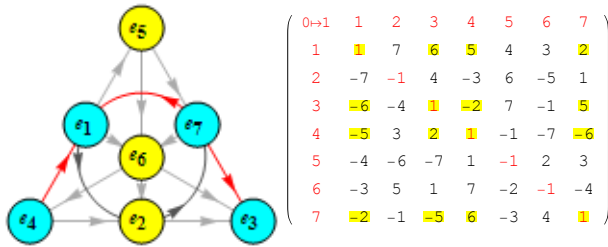
Split=4(1, 5, 6, 7) Not Flipped



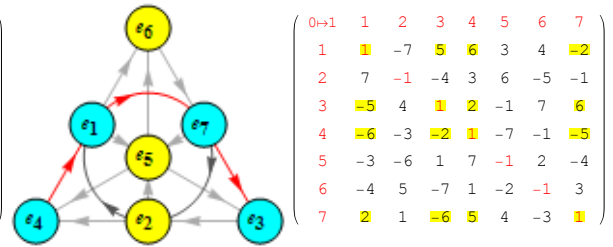
Split=5(1, 3, 4, 7) Flipped



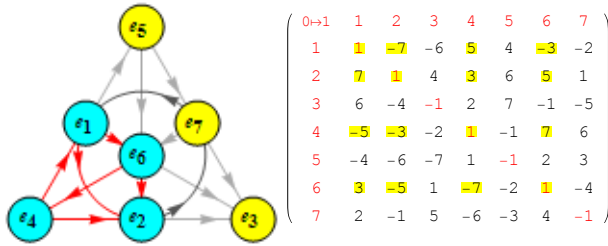
Split=5(1, 3, 4, 7) Not Flipped



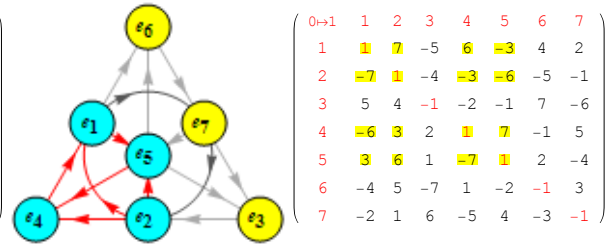
Split=6(1, 2, 4, 6) Flipped



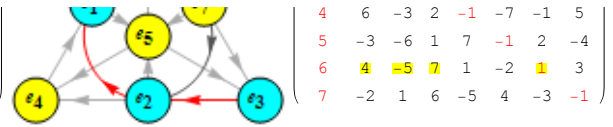
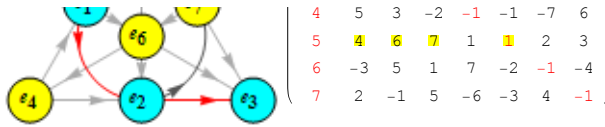
Split=6(1, 2, 4, 5) Not Flipped



Split=7(1, 2, 3, 5) Flipped

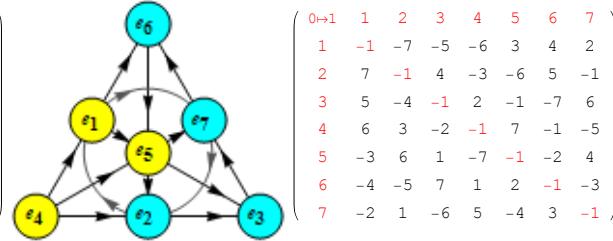
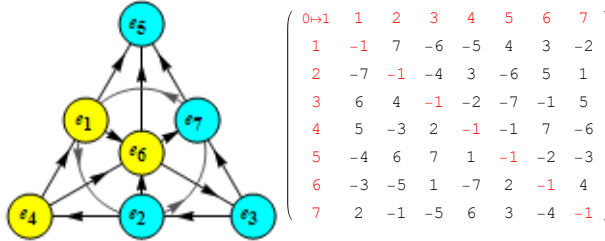


Split=7(1, 2, 3, 6) Not Flipped



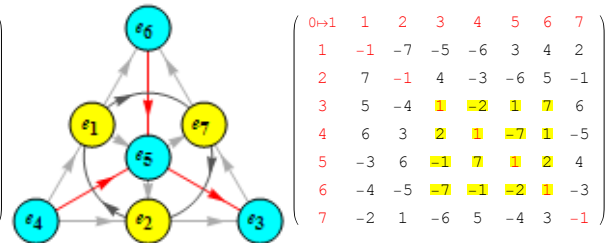
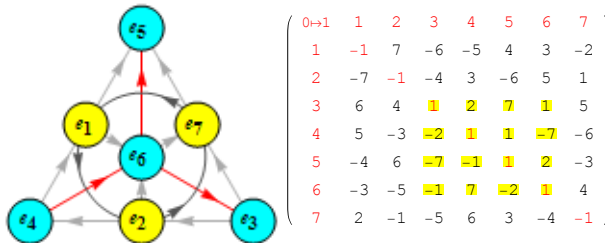
EBH155 Flip {(1, 2, 7), (1, 6, 3), (1, 5, 4), (2, 4, 3), (2, 6, 5), (3, 7, 5), (4, 6, 7)}

No Flip {(1, 7, 2), (1, 5, 3), (1, 6, 4), (2, 3, 4), (2, 6, 5), (3, 7, 6), (4, 5, 7)}



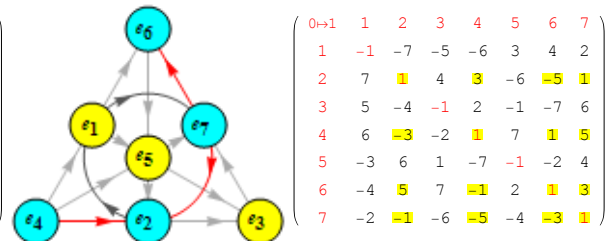
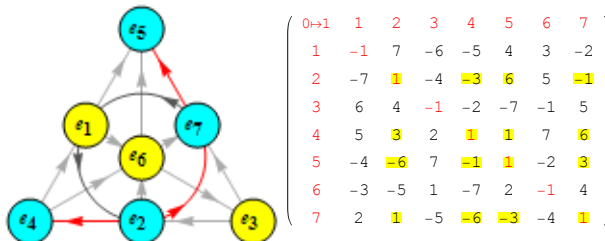
Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



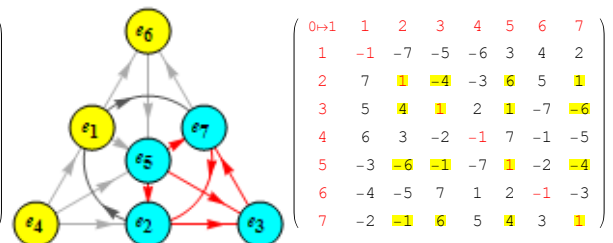
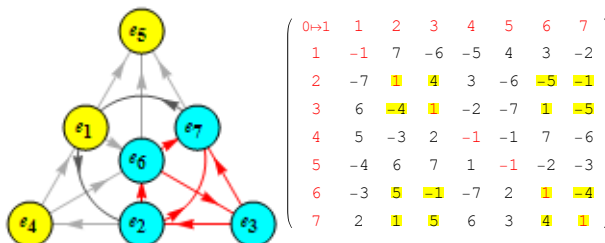
Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 5, 7) Not Flipped



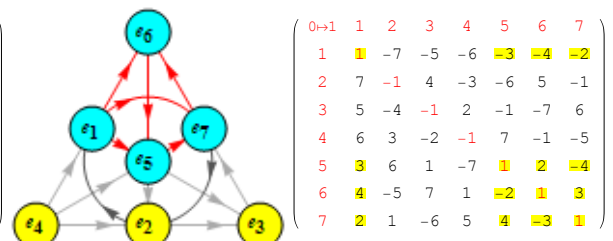
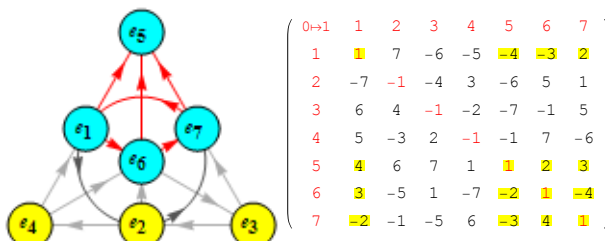
Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 6, 7) Not Flipped



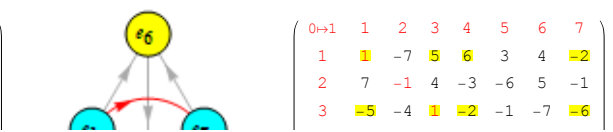
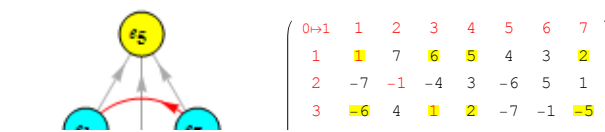
Split=4(1, 5, 6, 7) Flipped

Split=4(1, 5, 6, 7) Not Flipped



Split=5(1, 3, 4, 7) Flipped

Split=5(1, 3, 4, 7) Not Flipped





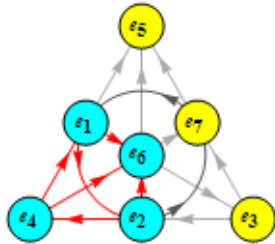
4	=5	-3	=2	1	-1	7	6
5	-4	6	7	1	-1	-2	-3
6	-3	-5	1	-7	2	-1	4
7	=2	-1	5	=6	3	-4	1



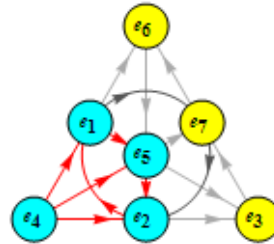
4	=6	3	2	1	7	-1	5
5	-3	6	1	-7	-1	-2	4
6	-4	-5	7	1	2	-1	-3
7	2	1	6	=5	-4	3	1

Split=6(1, 2, 4, 6) Flipped

Split=6(1, 2, 4, 5) Not Flipped



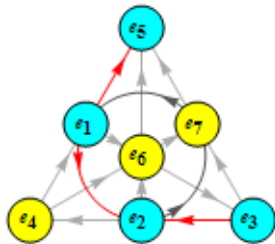
0→1	1	2	3	4	5	6	7
1	1	=7	-6	5	4	=3	-2
2	7	1	-4	=3	-6	=5	1
3	6	4	-1	-2	-7	-1	5
4	=5	3	2	1	-1	=7	-6
5	-4	6	7	1	-1	-2	-3
6	3	5	1	7	2	1	4
7	2	-1	-5	6	3	-4	-1



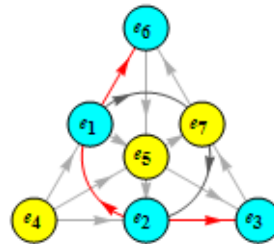
0→1	1	2	3	4	5	6	7
1	1	7	-5	6	=3	4	2
2	=7	1	4	3	6	5	-1
3	5	-4	-1	2	-1	-7	6
4	=6	=3	-2	1	=7	-1	-5
5	3	=6	1	7	1	-2	4
6	-4	-5	7	1	2	-1	-3
7	-2	1	-6	5	-4	3	-1

Split=7(1, 2, 3, 5) Flipped

Split=7(1, 2, 3, 6) Not Flipped



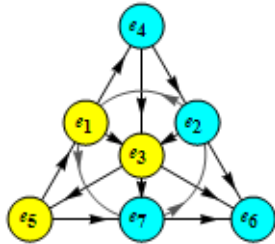
0→1	1	2	3	4	5	6	7
1	1	=7	6	-5	=4	3	-2
2	7	1	4	3	6	5	1
3	=6	=4	1	-2	7	-1	5
4	5	-3	2	-1	-1	7	-6
5	4	=6	=7	1	1	-2	-3
6	-3	-5	1	-7	2	-1	4
7	2	-1	-5	6	3	-4	-1



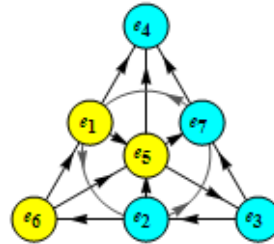
0→1	1	2	3	4	5	6	7
1	1	7	5	-6	3	=4	2
2	=7	1	=4	-3	-6	=5	-1
3	=5	4	1	2	-1	7	6
4	6	3	-2	-1	7	-1	-5
5	-3	6	1	-7	-1	-2	4
6	4	5	=7	1	2	1	-3
7	-2	1	-6	5	-4	3	-1

EBH51 Flip {(1, 7, 2), (1, 3, 6), (1, 4, 5), (2, 3, 5), (2, 6, 4), (3, 7, 4), (5, 7, 6)}

No Flip {(1, 2, 7), (1, 5, 3), (1, 4, 6), (2, 6, 3), (2, 5, 4), (3, 7, 4), (5, 7, 6)}



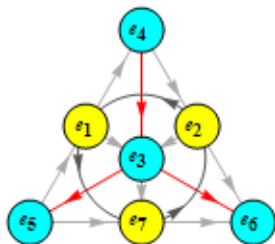
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	-1	5	-6	-3	4	-1
3	-6	-5	-1	-7	2	1	4
4	-5	6	7	-1	1	-2	-3
5	4	3	-2	-1	-1	-7	6
6	3	-4	-1	2	7	-1	-5
7	-2	1	-4	3	-6	5	-1



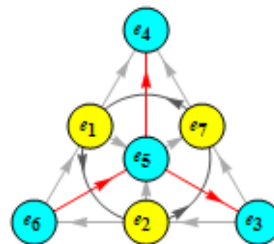
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	-6	-5	4	3	1
3	5	6	-1	-7	-1	-2	4
4	-6	5	7	-1	-2	1	-3
5	-3	-4	1	2	-1	-7	6
6	4	-3	2	-1	7	-1	-5
7	2	-1	-4	3	-6	5	-1

Split=1(3, 4, 5, 6) Flipped

Split=1(3, 4, 5, 6) Not Flipped



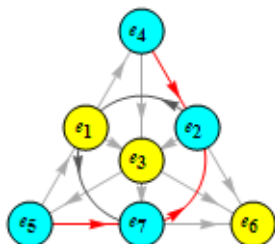
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	-1	5	-6	-3	4	-1
3	-6	-5	1	7	=2	=1	4
4	-5	6	=7	1	=1	2	-3
5	4	3	2	1	1	7	6
6	3	-4	1	=2	=7	1	-5
7	-2	1	-4	3	-6	5	-1



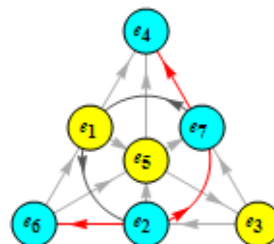
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	-6	-5	4	3	1
3	5	6	1	7	1	2	4
4	-6	5	=7	1	2	=1	-3
5	-3	-4	=1	=2	1	7	6
6	4	-3	=2	1	=7	1	-5
7	2	-1	-4	3	-6	5	-1

Split=2(2, 4, 5, 7) Flipped

Split=2(2, 4, 6, 7) Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	5	6	3	4	1
3	-6	-5	-1	-7	2	1	4
4	-5	=6	7	1	=1	-2	3
5	4	=3	-2	1	1	-7	=6
6	3	-4	-1	2	7	-1	-5
7	-2	=1	-4	=3	6	5	1



0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	-6	5	4	=3	=1
3	5	6	-1	-7	-1	-2	4
4	-6	=5	7	1	-2	=1	3
5	-3	-4	1	2	-1	-7	6
6	4	3	2	1	7	1	5
7	2	1	-4	=3	-6	=5	1

Split=3(2, 3, 6, 7) Flipped

Split=3(2, 3, 5, 7) Not Flipped



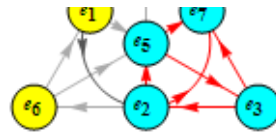
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	=5	-6	-3	=4	1
3	-6	5	1	-7	2	=1	=4



0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	6	-5	=4	3	=1
3	5	=6	1	-7	1	-2	=4



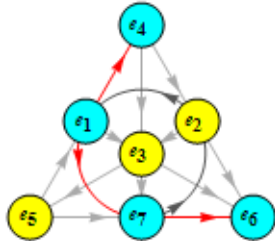
4	-5	6	7	-1	1	-2	-3
5	4	3	-2	-1	-1	-7	6
6	3	4	1	2	7	1	5
7	-2	-1	4	3	-6	-5	1



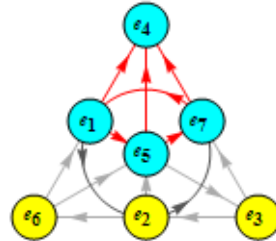
4	-6	5	7	-1	-2	1	-3
5	-3	4	-1	2	1	-7	-6
6	4	-3	2	-1	7	-1	-5
7	2	1	4	3	6	5	1

Split={1, 4, 6, 7} Flipped

Split={1, 4, 5, 7} Not Flipped



0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	5	-6	-3	4	-1
3	-6	-5	-1	-7	2	1	4
4	5	6	7	1	1	2	3
5	4	3	-2	-1	-1	-7	6
6	-3	-4	-1	-2	7	1	5
7	2	1	-4	-3	-6	-5	1



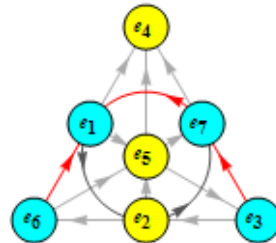
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	-1	-6	-5	4	3	1
3	5	6	-1	-7	-1	-2	4
4	6	5	7	1	2	1	3
5	3	-4	1	-2	1	-7	-6
6	4	-3	2	-1	7	-1	-5
7	-2	-1	-4	-3	6	5	1

Split={1, 3, 5, 7} Flipped

Split={1, 3, 6, 7} Not Flipped



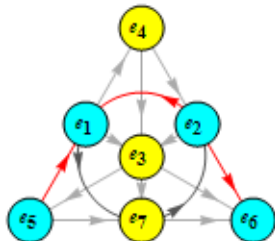
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	5	-6	-3	4	-1
3	6	-5	1	-7	-2	1	-4
4	-5	6	7	-1	1	-2	-3
5	-4	3	2	-1	1	-7	-6
6	3	-4	-1	2	7	-1	-5
7	2	1	4	3	6	5	1



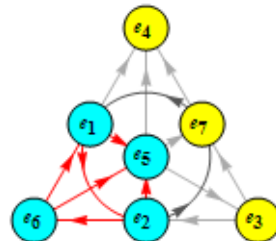
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	-6	-5	4	3	1
3	-5	6	1	-7	-1	2	-4
4	-6	5	7	-1	-2	1	-3
5	-3	-4	1	2	-1	-7	6
6	-4	-3	-2	-1	7	1	5
7	-2	-1	4	3	-6	-5	1

Split={1, 2, 5, 6} Flipped

Split={1, 2, 5, 6} Not Flipped



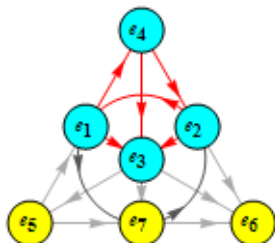
0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	2
2	-7	1	5	-6	3	-4	-1
3	-6	-5	-1	-7	2	1	4
4	-5	6	7	-1	1	-2	-3
5	-4	-3	-2	-1	1	7	6
6	-3	4	-1	2	-7	1	-5
7	-2	1	-4	3	-6	5	-1



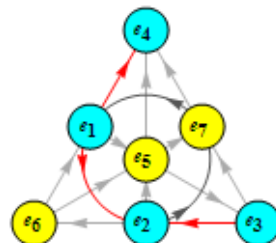
0→1	1	2	3	4	5	6	7
1	1	-7	-5	6	-3	4	-2
2	7	1	-6	-5	-4	-3	1
3	5	6	-1	-7	-1	-2	4
4	-6	5	7	-1	-2	1	-3
5	3	4	1	2	1	7	6
6	-4	3	2	-1	-7	1	-5
7	2	-1	-4	3	-6	5	-1

Split={1, 2, 3, 4} Flipped

Split={1, 2, 3, 4} Not Flipped



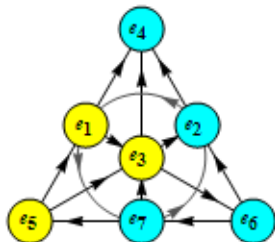
0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	1	-5	6	-3	4	-1
3	6	5	1	7	2	1	4
4	5	-6	-7	1	1	-2	-3
5	4	3	-2	-1	-1	-7	6
6	3	-4	-1	2	7	-1	-5
7	-2	1	-4	3	-6	5	-1



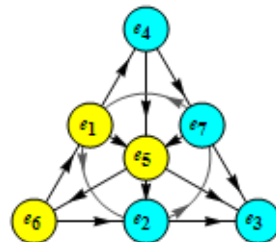
0→1	1	2	3	4	5	6	7
1	1	-7	5	-6	3	-4	-2
2	7	1	6	5	4	3	1
3	-5	-6	1	7	-1	-2	4
4	6	-5	-7	1	-2	1	-3
5	-3	-4	1	2	-1	-7	6
6	4	-3	2	-1	7	-1	-5
7	2	-1	-4	3	-6	5	-1

EBH223 Flip {(1, 7, 2), (1, 3, 6), (1, 4, 5), (2, 5, 3), (2, 4, 6), (3, 4, 7), (5, 6, 7)}

No Flip {(1, 2, 7), (1, 5, 3), (1, 4, 6), (2, 3, 6), (2, 4, 5), (3, 4, 7), (5, 6, 7)}



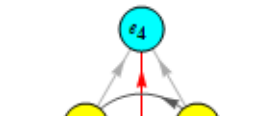
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	-1	-5	6	3	-4	-1
3	-6	5	-1	7	-2	1	-4
4	-5	-6	-7	-1	1	2	3
5	4	-3	2	-1	-1	7	-6
6	3	4	-1	-2	-7	-1	5
7	-2	1	4	-3	6	-5	-1



0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	6	5	-4	-3	1
3	5	-6	-1	7	-1	2	-4
4	-6	-5	-7	-1	2	1	3
5	-3	4	1	-2	-1	7	-6
6	4	3	-2	-1	-7	-1	5
7	2	-1	4	-3	6	-5	-1

Split={1, 3, 4, 5, 6} Flipped

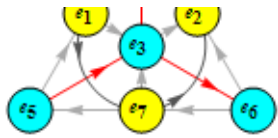
Split={1, 3, 4, 5, 6} Not Flipped



0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	-1	-5	6	3	-4	-1
3	-6	5	1	-7	2	-1	-4

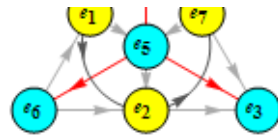


0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	-1	6	5	-4	-3	1
3	5	-6	1	-7	2	-1	-4



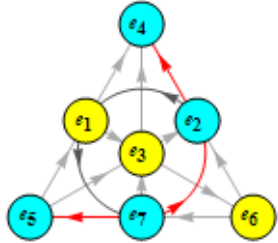
4	-5	-6	7	1	-1	2	3
5	4	-3	-2	1	1	-7	-6
6	3	4	1	2	7	1	5
7	-2	1	4	-3	6	-5	-1

Split=2(2, 4, 5, 7) Flipped



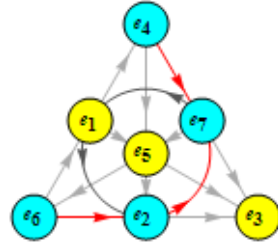
4	-6	-5	7	1	-2	-1	3
5	-3	4	-1	2	1	-7	-6
6	4	3	2	1	7	1	5
7	2	-1	4	-3	6	-5	-1

Split=2(2, 4, 6, 7) Not Flipped



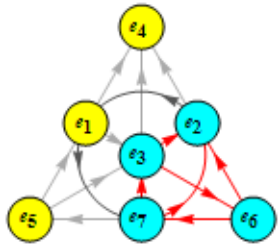
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	-5	-6	-3	-4	1
3	-6	5	-1	7	-2	1	-4
4	-5	6	-7	1	-1	2	-3
5	4	3	2	1	1	7	6
6	3	4	-1	-2	-7	-1	5
7	-2	-1	4	3	-6	-5	1

Split=3(2, 3, 6, 7) Flipped



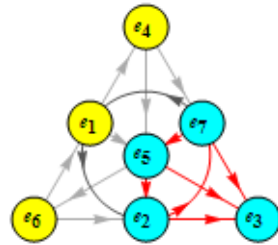
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	6	-5	-4	3	-1
3	5	-6	-1	7	-1	2	-4
4	-6	5	-7	1	2	-1	-3
5	-3	4	1	-2	-1	7	-6
6	4	-3	-2	1	-7	1	-5
7	2	1	4	3	6	5	1

Split=3(2, 3, 5, 7) Not Flipped



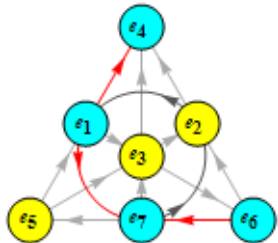
0→1	1	2	3	4	5	6	7
1	-1	-7	6	5	-4	-3	2
2	7	1	5	6	3	4	1
3	-6	-5	1	7	-2	-1	4
4	-5	-6	-7	-1	1	2	3
5	4	-3	2	-1	-1	7	-6
6	3	-4	1	-2	-7	1	-5
7	-2	-1	-4	-3	6	5	1

Split=4(1, 4, 6, 7) Flipped



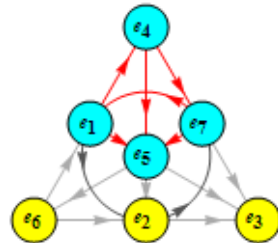
0→1	1	2	3	4	5	6	7
1	-1	7	-5	6	3	-4	-2
2	-7	1	-6	5	4	-3	-1
3	5	6	1	7	1	2	4
4	-6	-5	-7	-1	2	1	3
5	-3	-4	-1	-2	1	7	6
6	4	3	-2	-1	-7	-1	5
7	2	1	-4	-3	-6	-5	1

Split=4(1, 4, 5, 7) Not Flipped



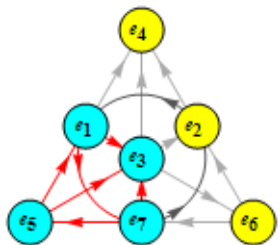
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	-5	6	3	-4	-1
3	-6	5	-1	7	-2	1	-4
4	5	-6	-7	1	1	-2	-3
5	4	-3	2	-1	-1	7	-6
6	-3	4	-1	2	-7	1	-5
7	2	1	4	3	6	5	1

Split=5(1, 3, 5, 7) Flipped



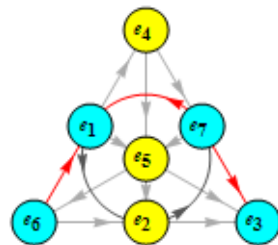
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	-1	6	5	-4	-3	1
3	5	-6	-1	7	-1	2	-4
4	6	-5	-7	1	-2	1	-3
5	3	4	1	2	1	7	6
6	4	3	-2	-1	-7	-1	5
7	-2	-1	4	3	-6	-5	1

Split=5(1, 3, 6, 7) Not Flipped



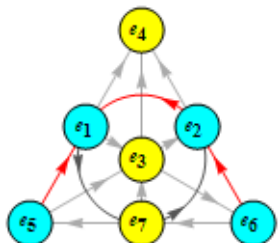
0→1	1	2	3	4	5	6	7
1	1	7	6	5	4	3	-2
2	-7	1	-5	6	-3	4	-1
3	-6	5	-1	7	-2	1	-4
4	-5	-6	-7	-1	1	2	3
5	-4	3	2	-1	1	-7	-6
6	-3	-4	-1	-2	7	1	5
7	-2	1	-4	-3	-6	-5	1

Split=6(1, 2, 5, 6) Flipped



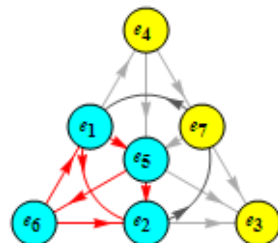
0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	6	5	-4	-3	1
3	-5	-6	1	7	-1	-2	4
4	-6	-5	-7	-1	2	1	3
5	-3	4	1	-2	-1	7	-6
6	-4	3	2	-1	-7	1	-5
7	-2	-1	-4	-3	6	5	1

Split=6(1, 2, 5, 6) Not Flipped



0→1	1	2	3	4	5	6	7
1	1	7	-6	-5	-4	-3	2
2	-7	1	5	-6	3	-4	-1
3	6	-5	1	-7	-2	1	-4

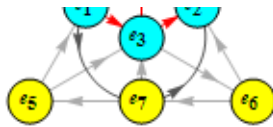
Split=7(1, 2, 3, 4) Flipped



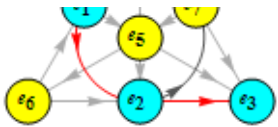
0→1	1	2	3	4	5	6	7
1	1	-7	5	-6	3	-4	-2
2	-7	1	-6	-5	-4	-3	1
3	-5	6	1	-7	-1	2	-4

Split=7(1, 2, 3, 4) Not Flipped





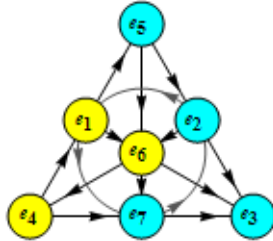
4	5	6	7	1	2	3	
5	4	-3	2	-1	-1	7	-6
6	3	4	-1	-2	-7	-1	5
7	-2	1	4	-3	6	-5	-1



4	6	5	7	1	2	3	
5	-3	4	1	-2	-1	7	-6
6	4	3	-2	-1	-7	-1	5
7	2	-1	4	-3	6	-5	-1

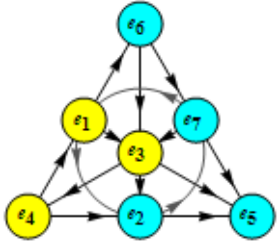
EBH152 Flip  $\{(1, 7, 2), (1, 6, 3), (1, 5, 4), (2, 3, 5), (2, 6, 4), (3, 4, 7), (5, 6, 7)\}$

No Flip  $\{(1, 2, 7), (1, 3, 5), (1, 6, 4), (2, 6, 3), (2, 5, 4), (3, 4, 7), (5, 6, 7)\}$



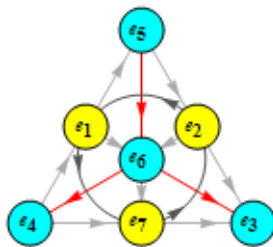
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	5	-6	-3	4	-1
3	6	-5	-1	7	2	-1	-4
4	5	6	-7	-1	-1	-2	3
5	-4	3	-2	1	-1	7	-6
6	-3	-4	1	2	-7	-1	5
7	-2	1	4	-3	6	-5	-1

Split=1(3, 4, 5, 6) Flipped



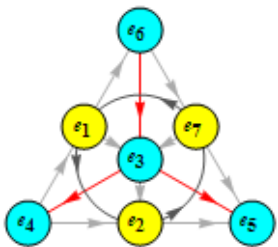
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	-6	-5	4	3	1
3	-5	6	-1	7	1	-2	-4
4	6	5	-7	-1	-2	-1	3
5	3	-4	-1	2	-1	7	-6
6	-4	-3	2	1	-7	-1	5
7	2	-1	4	-3	6	-5	-1

Split=1(3, 4, 5, 6) Not Flipped



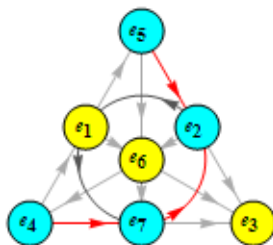
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	-1	5	-6	-3	4	-1
3	6	-5	1	7	-2	1	-4
4	5	6	7	1	1	2	3
5	-4	3	2	-1	1	7	-6
6	-3	-4	-1	2	7	1	5
7	-2	1	4	-3	6	-5	-1

Split=2(2, 4, 5, 7) Flipped



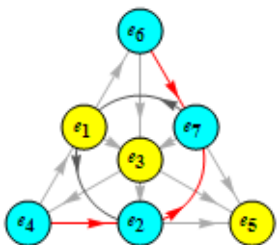
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	-1	-6	-5	4	3	1
3	-5	6	1	-7	-1	2	-4
4	6	5	7	1	2	1	3
5	3	-4	1	-2	1	-7	-6
6	-4	-3	-2	-1	7	1	5
7	2	-1	4	-3	6	-5	-1

Split=2(2, 4, 6, 7) Not Flipped



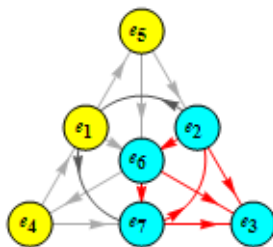
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	1	5	6	3	4	1
3	6	-5	-1	7	2	-1	-4
4	5	-6	-7	1	1	-2	-3
5	-4	-3	-2	-1	1	7	6
6	-3	-4	1	2	-7	-1	5
7	-2	-1	4	3	-6	-5	1

Split=3(2, 3, 6, 7) Flipped



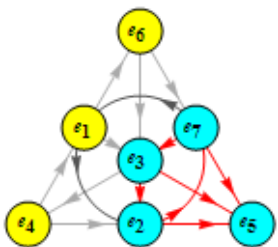
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	-6	5	4	-3	-1
3	-5	6	-1	7	1	-2	-4
4	6	-5	-7	1	-2	1	-3
5	3	-4	-1	2	-1	7	-6
6	-4	3	2	-1	-7	1	-5
7	2	1	4	3	6	5	1

Split=3(2, 3, 5, 7) Not Flipped



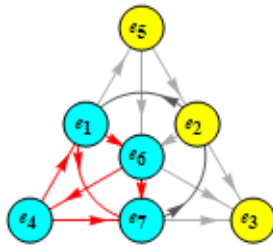
0→1	1	2	3	4	5	6	7
1	-1	-7	-6	-5	4	3	2
2	7	1	-5	-6	-3	-4	1
3	6	5	1	7	2	1	4
4	5	6	-7	-1	-1	-2	3
5	-4	3	-2	1	-1	7	-6
6	-3	4	-1	2	-7	1	-5
7	-2	-1	-4	3	-6	5	1

Split=4(1, 4, 6, 7) Flipped



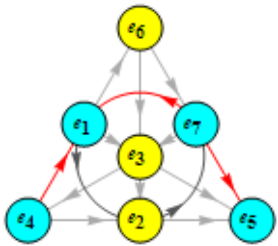
0→1	1	2	3	4	5	6	7
1	-1	7	5	-6	-3	4	-2
2	-7	1	6	-5	-4	3	-1
3	-5	-6	1	7	-1	-2	4
4	6	5	-7	-1	-2	-1	3
5	3	4	1	2	1	7	6
6	-4	-3	2	1	-7	-1	5
7	2	1	-4	3	-6	-5	1

Split=4(1, 4, 5, 7) Not Flipped



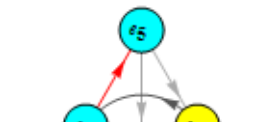
0→1	1	2	3	4	5	6	7
1	1	-7	-6	5	4	-3	-2
2	7	-1	5	-6	-3	4	-1
3	6	-5	-1	7	2	-1	-4
4	-5	6	-7	1	-1	2	-3
5	-4	3	-2	1	-1	7	-6
6	3	-4	1	-2	-7	1	-5
7	2	1	4	3	6	5	1

Split=5(1, 3, 5, 7) Flipped

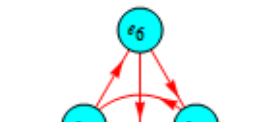


0→1	1	2	3	4	5	6	7
1	1	7	5	6	3	4	2
2	-7	-1	-6	-5	4	3	1
3	-5	6	-1	7	1	-2	-4
4	-6	5	-7	1	2	-1	-3
5	-3	-4	-1	-2	1	7	6
6	-4	-3	2	1	-7	-1	5
7	-2	-1	4	3	-6	-5	1

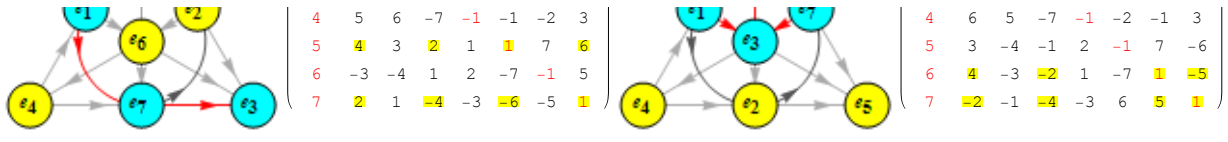
Split=5(1, 3, 6, 7) Not Flipped



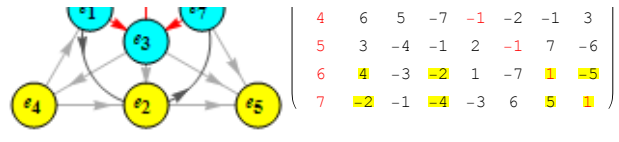
0→1	1	2	3	4	5	6	7
1	1	-7	6	-5	-4	3	-2
2	7	-1	5	-6	-3	4	-1
3	-6	-5	1	7	-2	-1	4



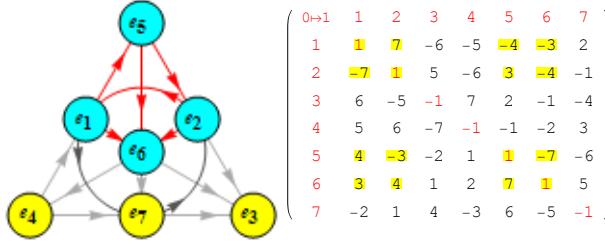
0→1	1	2	3	4	5	6	7
1	1	7	-5	-6	-3	-4	2
2	-7	-1	-6	-5	4	3	1
3	5	6	1	7	1	2	4



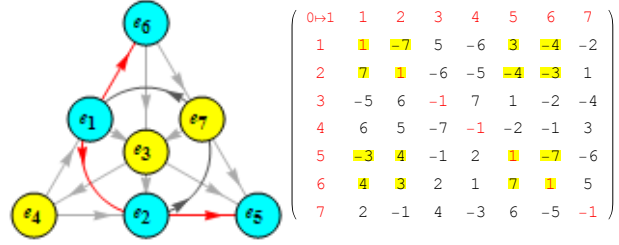
Split=6(1, 2, 5, 6) Flipped



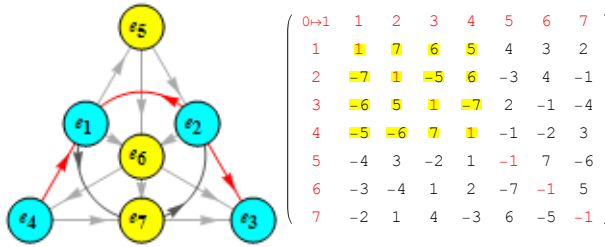
Split=6(1, 2, 5, 6) Not Flipped



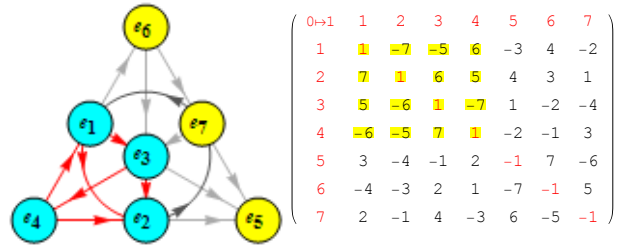
Split=7(1, 2, 3, 4) Flipped



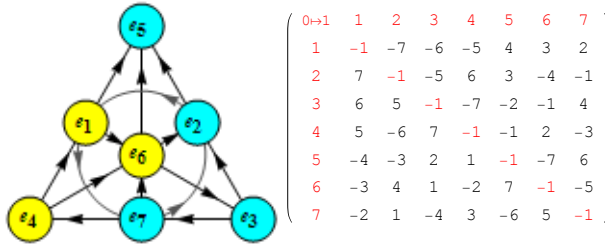
Split=7(1, 2, 3, 4) Not Flipped



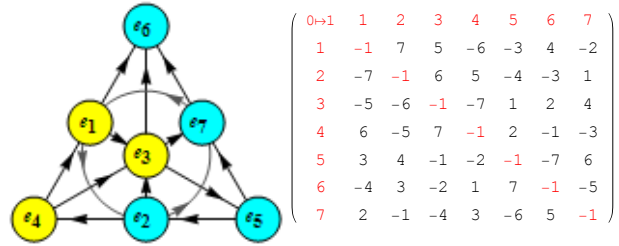
EBH222 Flip ((1, 7, 2), (1, 6, 3), (1, 5, 4), (2, 5, 3), (2, 4, 6), (3, 7, 4), (5, 7, 6))



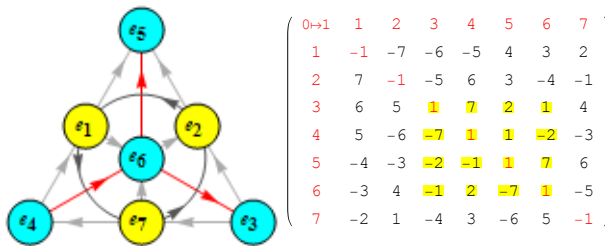
No Flip ((1, 2, 7), (1, 3, 5), (1, 6, 4), (2, 3, 6), (2, 4, 5), (3, 7, 4), (5, 7, 6))



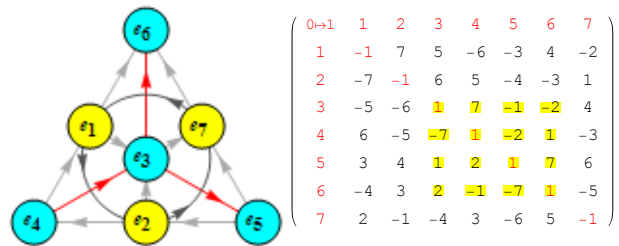
Split=1(3, 4, 5, 6) Flipped



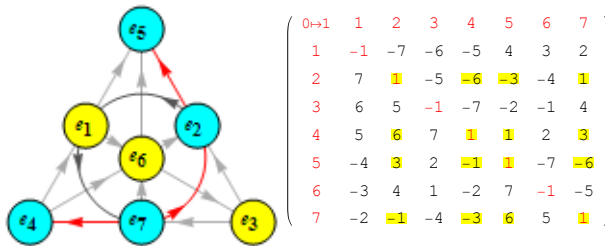
Split=1(3, 4, 5, 6) Not Flipped



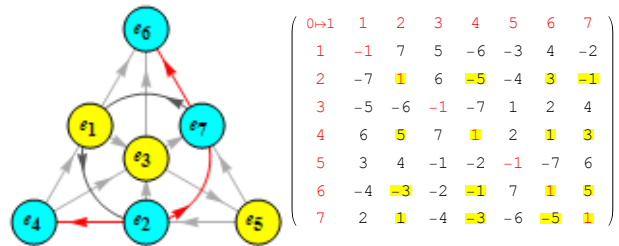
Split=2(2, 4, 5, 7) Flipped



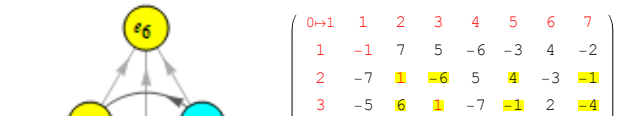
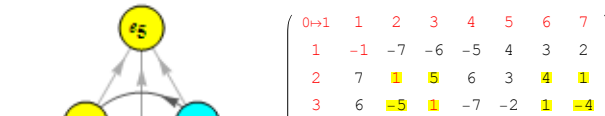
Split=2(2, 4, 6, 7) Not Flipped

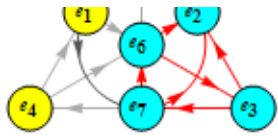


Split=3(2, 3, 6, 7) Flipped



Split=3(2, 3, 5, 7) Not Flipped





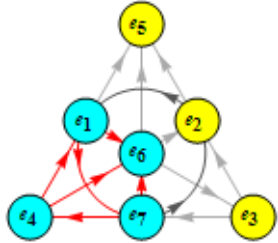
	4	5	-6	7	-1	-1	2	-3
1								
2	7	-1	-5	6	3	-4	-1	
3	6	5	-1	-7	-2	-1	4	
4	-5	-6	7	1	-1	-2	3	
5	-4	-3	2	1	-1	-7	6	
6	3	4	1	2	7	1	5	
7	2	1	-4	-3	-6	-5	1	



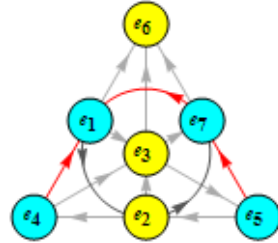
	4	6	-5	7	-1	2	-1	-3
1								
2	-7	-1	6	5	-4	-3	1	
3	-5	-6	-1	-7	1	2	4	
4	-6	-5	7	1	-2	-1	3	
5	-3	4	-1	2	1	-7	-6	
6	-4	3	-2	1	7	-1	-5	
7	2	1	-4	3	6	5	1	

Split={1, 4, 6, 7} Flipped

Split={1, 4, 5, 7} Not Flipped



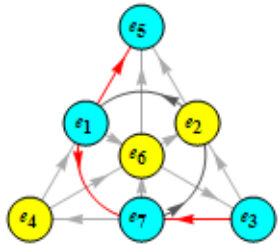
0→1	1	2	3	4	5	6	7
1							
2	7	-1	-5	6	3	-4	-1
3	6	5	-1	-7	-2	-1	4
4	-5	-6	7	1	-1	-2	3
5	-4	-3	2	1	-1	-7	6
6	3	4	1	2	7	1	5
7	2	1	-4	-3	-6	-5	1



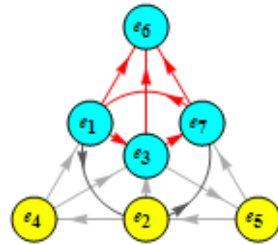
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	6	5	-4	-3	1
3	-5	-6	-1	-7	1	2	4
4	-6	-5	7	1	-2	-1	3
5	-3	4	-1	2	1	-7	-6
6	-4	3	-2	1	7	-1	-5
7	2	-1	-4	-3	6	5	1

Split={1, 3, 5, 7} Flipped

Split={1, 3, 6, 7} Not Flipped



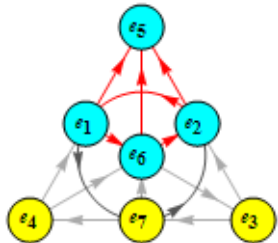
0→1	1	2	3	4	5	6	7
1							
2	7	-1	-5	6	3	-4	-1
3	-6	5	-1	-7	2	-1	-4
4	5	-6	7	-1	-1	2	-3
5	4	-3	-2	1	1	-7	-6
6	-3	4	1	-2	7	-1	-5
7	2	1	-4	3	6	5	1



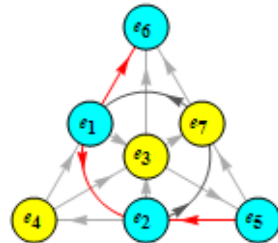
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	6	5	-4	-3	1
3	5	-6	1	-7	1	-2	-4
4	6	-5	7	-1	2	-1	-3
5	3	4	-1	-2	-1	-7	6
6	4	3	2	1	7	1	5
7	-2	-1	4	3	-6	-5	1

Split={1, 2, 5, 6} Flipped

Split={1, 2, 5, 6} Not Flipped



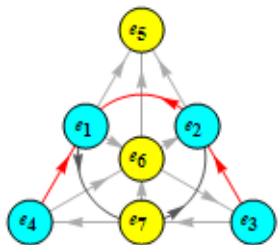
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	6	3	-4	-1
3	6	5	-1	-7	-2	-1	4
4	5	-6	7	-1	-1	2	-3
5	4	3	2	1	1	7	6
6	3	-4	1	-2	-7	1	-5
7	-2	1	-4	3	-6	5	-1



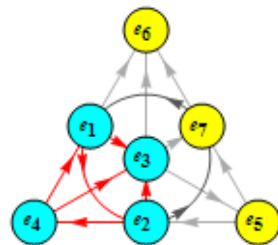
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	6	5	-4	-3	1
3	-5	-6	-1	-7	1	2	4
4	6	-5	7	-1	2	-1	-3
5	-3	-4	-1	-2	1	7	6
6	4	-3	-2	1	-7	1	-5
7	2	-1	-4	3	-6	5	-1

Split={1, 2, 3, 4} Flipped

Split={1, 2, 3, 4} Not Flipped



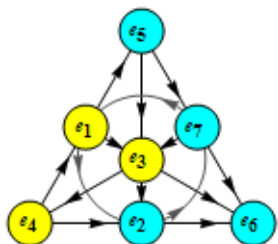
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	6	3	-4	-1
3	-6	5	-1	-7	-2	-1	4
4	-5	-6	7	1	-1	2	-3
5	-4	-3	2	1	-1	-7	6
6	-3	4	1	-2	7	-1	-5
7	-2	1	-4	3	-6	5	-1



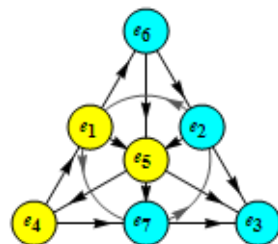
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	6	5	-4	-3	1
3	5	6	1	7	1	2	4
4	-6	5	7	1	2	-1	-3
5	3	4	-1	-2	-1	-7	6
6	-4	3	-2	1	7	-1	-5
7	2	-1	-4	3	-6	5	-1

EBH121 Flip {(1, 2, 7), (1, 3, 6), (1, 5, 4), (2, 5, 3), (2, 6, 4), (3, 4, 7), (5, 7, 6)}

No Flip {(1, 7, 2), (1, 5, 3), (1, 6, 4), (2, 3, 6), (2, 5, 4), (3, 4, 7), (5, 7, 6)}



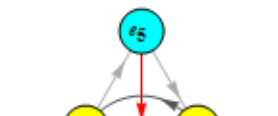
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	-6	3	4	1
3	-6	5	-1	7	-2	1	-4
4	5	6	-7	-1	-1	-2	3
5	-4	-3	2	1	-1	-7	6
6	3	-4	-1	2	7	-1	-5
7	2	-1	4	-3	-6	5	-1



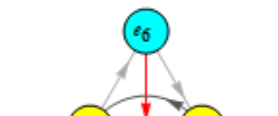
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	-6	3	4	1
3	5	-6	-1	7	-1	2	-4
4	6	5	-7	-1	-2	-1	3
5	-3	-4	1	2	-1	-7	6
6	-4	3	-2	1	7	-1	-5
7	-2	1	4	-3	-6	5	-1

Split={3, 4, 5, 6} Flipped

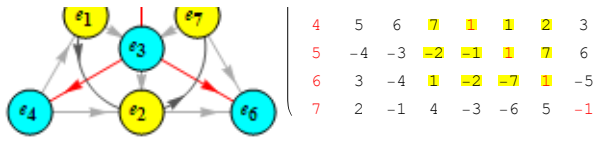
Split={3, 4, 5, 6} Not Flipped



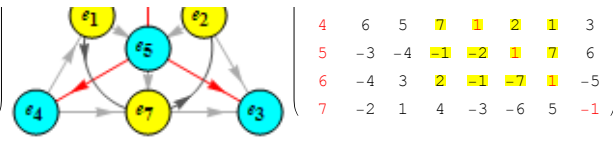
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	-6	3	4	1
3	-6	5	-1	7	-2	1	-4



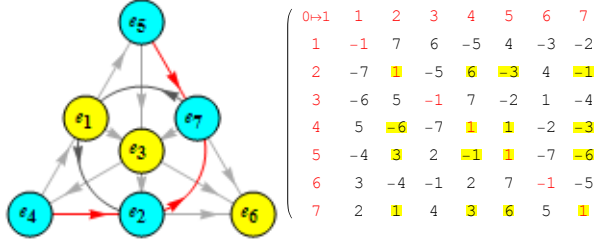
0→1	1	2	3	4	5	6	7
1							
2	-7	-1	-5	-6	3	4	1
3	5	-6	-1	7	-1	2	-4



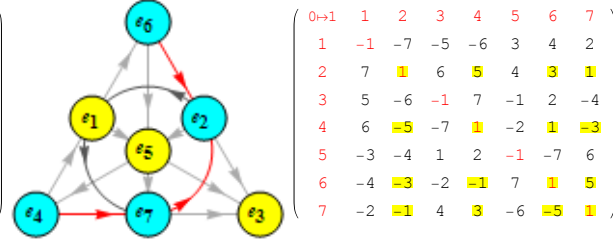
Split=2(2, 4, 5, 7) Flipped



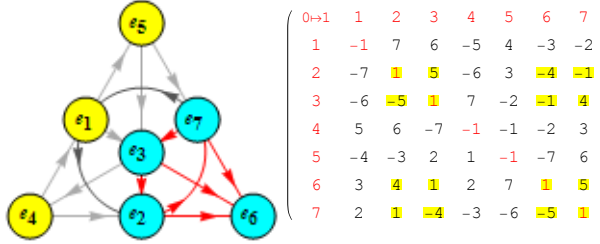
Split=2(2, 4, 6, 7) Not Flipped



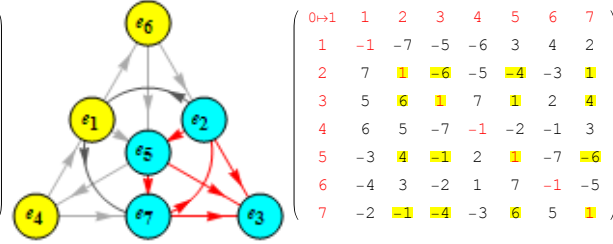
Split=3(2, 3, 6, 7) Flipped



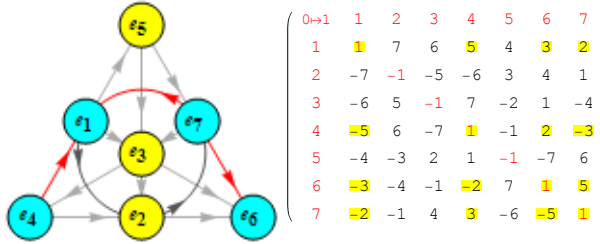
Split=3(2, 3, 5, 7) Not Flipped



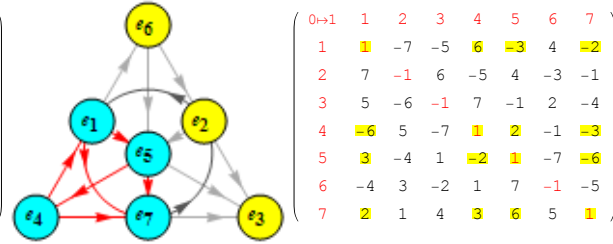
Split=4(1, 4, 6, 7) Flipped



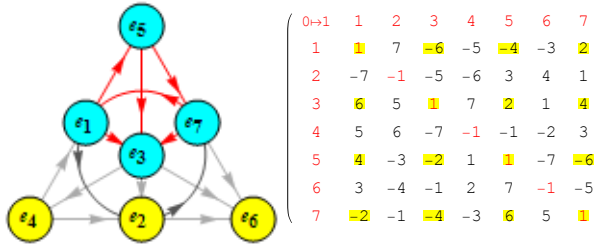
Split=4(1, 4, 5, 7) Not Flipped



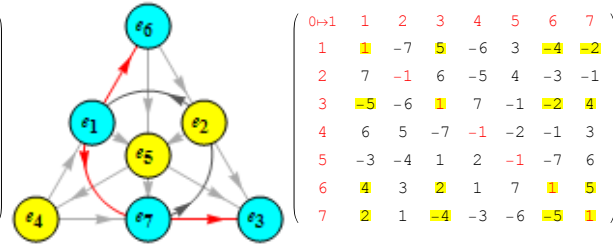
Split=5(1, 3, 5, 7) Flipped



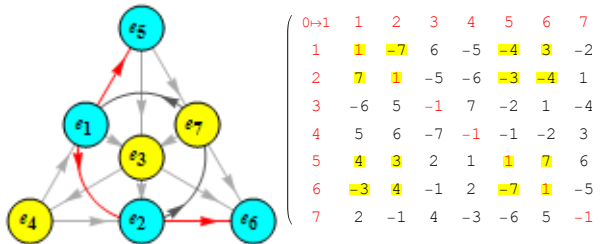
Split=5(1, 3, 6, 7) Not Flipped



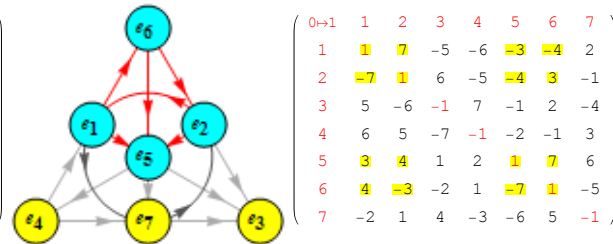
Split=6(1, 2, 5, 6) Flipped



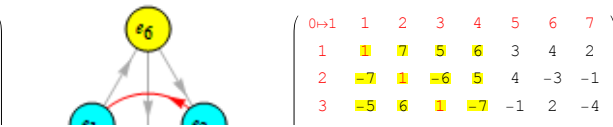
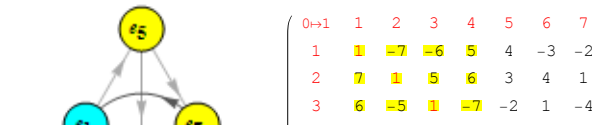
Split=6(1, 2, 5, 6) Not Flipped



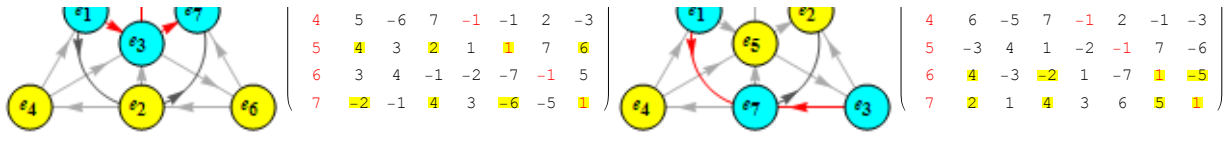
Split=7(1, 2, 3, 4) Flipped



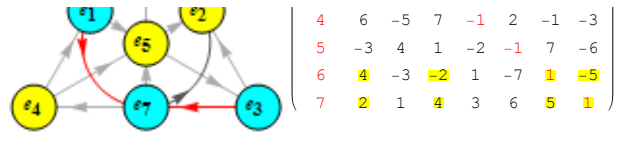
Split=7(1, 2, 3, 4) Not Flipped



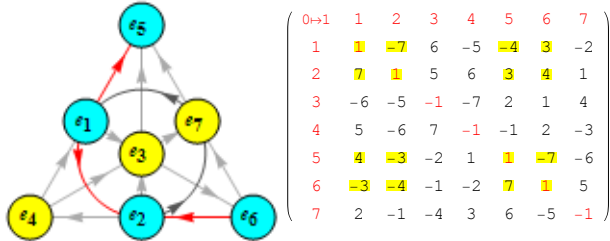




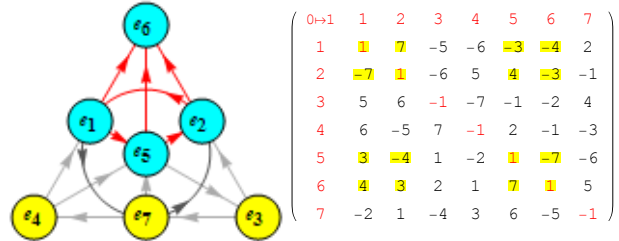
Split=6(1, 2, 5, 6) Flipped



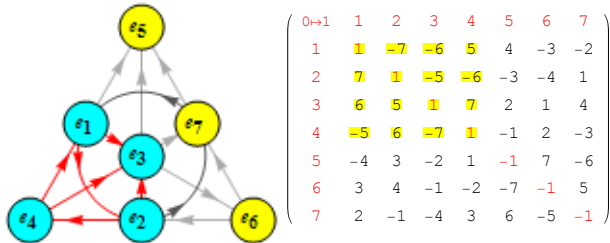
Split=6(1, 2, 5, 6) Not Flipped



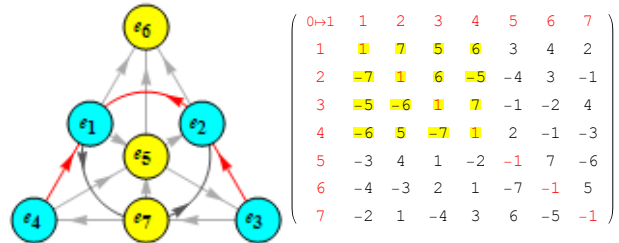
Split=7(1, 2, 3, 4) Flipped



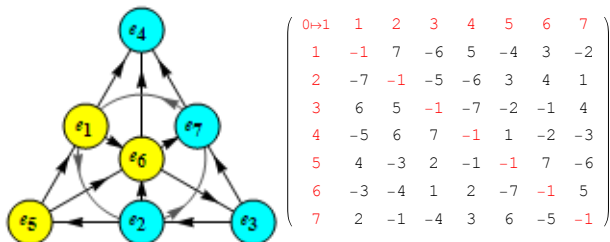
Split=7(1, 2, 3, 4) Not Flipped



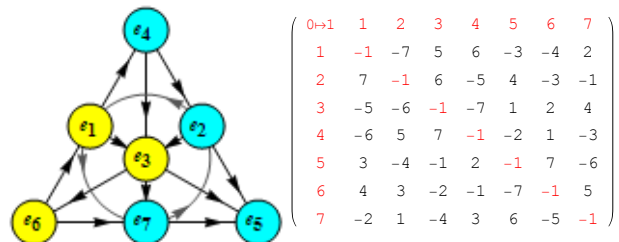
ESB122 Flip ((1, 2, 7), (1, 6, 3), (1, 4, 5), (2, 5, 3), (2, 6, 4), (3, 7, 4), (5, 6, 7))



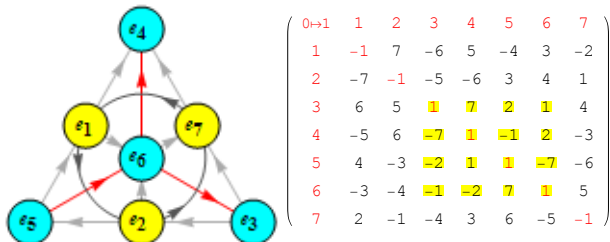
No Flip ((1, 7, 2), (1, 3, 5), (1, 4, 6), (2, 3, 6), (2, 5, 4), (3, 7, 4), (5, 6, 7))



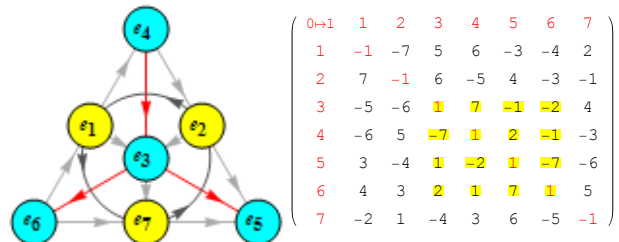
Split=1(3, 4, 5, 6) Flipped



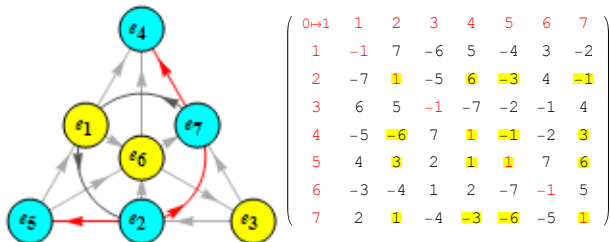
Split=1(3, 4, 5, 6) Not Flipped



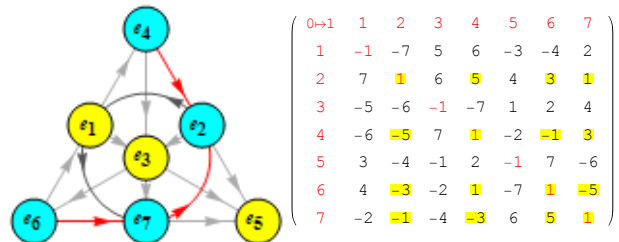
Split=2(2, 4, 5, 7) Flipped



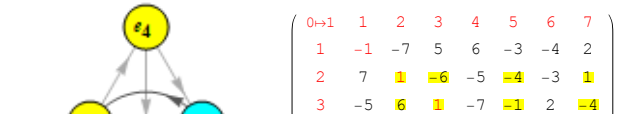
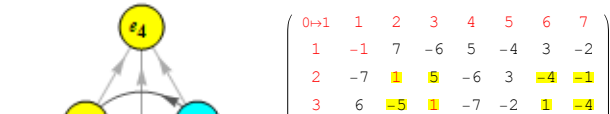
Split=2(2, 4, 5, 7) Not Flipped

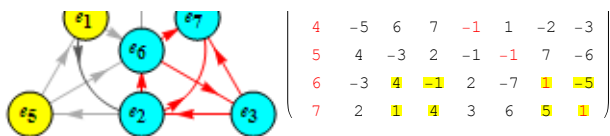


Split=3(2, 3, 6, 7) Flipped



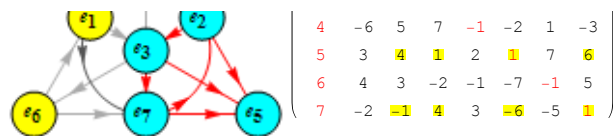
Split=3(2, 3, 5, 7) Not Flipped





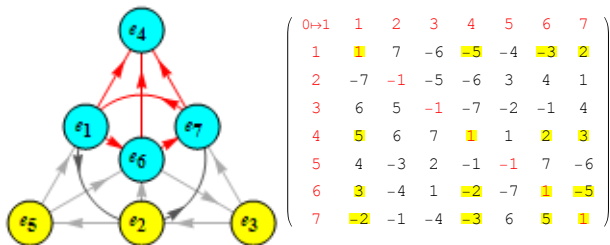
4	-5	6	7	-1	1	-2	-3
5	4	-3	2	-1	-1	7	-6
6	-3	<b>4</b>	<b>-1</b>	2	-7	<b>1</b>	<b>-5</b>
7	2	<b>1</b>	<b>4</b>	3	6	<b>5</b>	<b>1</b>

Split=4(1, 4, 6, 7) Flipped



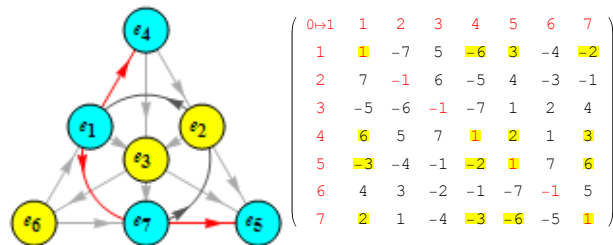
4	-6	5	7	-1	-2	1	-3
5	3	<b>4</b>	<b>1</b>	2	<b>1</b>	7	<b>6</b>
6	4	3	-2	-1	-7	<b>-1</b>	5
7	-2	<b>-1</b>	<b>4</b>	3	<b>-6</b>	-5	<b>1</b>

Split=4(1, 4, 5, 7) Not Flipped



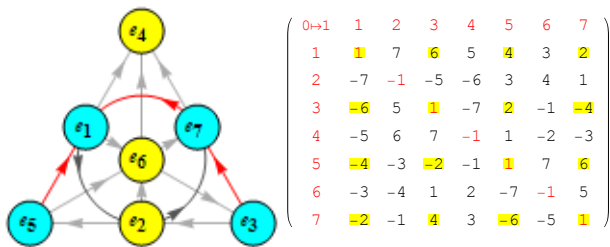
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	-6	<b>-5</b>	-4	<b>-3</b>	<b>2</b>
2	-7	<b>-1</b>	-5	-6	3	4	1
3	6	5	<b>-1</b>	-7	-2	-1	4
4	<b>5</b>	6	7	<b>1</b>	1	<b>2</b>	<b>3</b>
5	4	-3	2	-1	<b>-1</b>	7	-6
6	<b>3</b>	-4	1	<b>-2</b>	-7	<b>1</b>	<b>-5</b>
7	<b>-2</b>	-1	-4	<b>-3</b>	6	<b>5</b>	<b>1</b>

Split=5(1, 3, 5, 7) Flipped



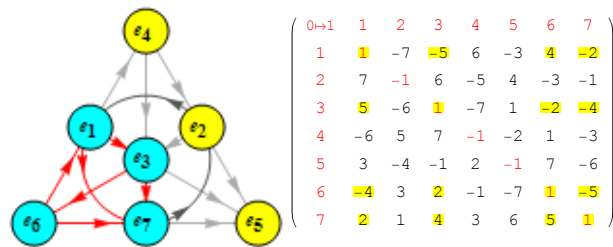
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	5	<b>-6</b>	<b>3</b>	-4	<b>-2</b>
2	7	<b>-1</b>	6	-5	4	-3	-1
3	-5	-6	<b>-1</b>	-7	1	2	4
4	<b>6</b>	5	7	<b>1</b>	<b>2</b>	1	<b>3</b>
5	<b>-3</b>	-4	-1	<b>-2</b>	<b>1</b>	7	<b>6</b>
6	4	3	-2	-1	-7	<b>-1</b>	5
7	<b>2</b>	1	-4	<b>-3</b>	<b>-6</b>	-5	<b>1</b>

Split=5(1, 3, 6, 7) Not Flipped



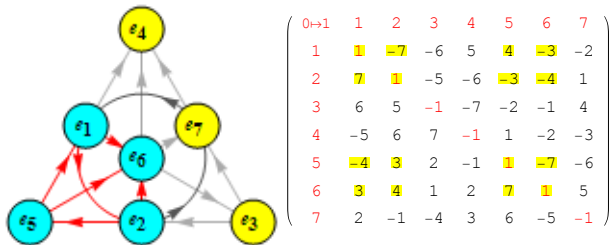
0→1	1	2	3	4	5	6	7
1	<b>1</b>	7	<b>6</b>	5	<b>4</b>	3	<b>2</b>
2	-7	<b>-1</b>	-5	-6	3	4	1
3	<b>-6</b>	5	<b>1</b>	-7	<b>2</b>	-1	<b>-4</b>
4	-5	6	7	-1	1	-2	-3
5	<b>-4</b>	-3	<b>-2</b>	-1	<b>1</b>	7	<b>6</b>
6	-3	-4	1	2	-7	<b>-1</b>	5
7	<b>-2</b>	-1	<b>4</b>	3	<b>-6</b>	-5	<b>1</b>

Split=6(1, 2, 5, 6) Flipped



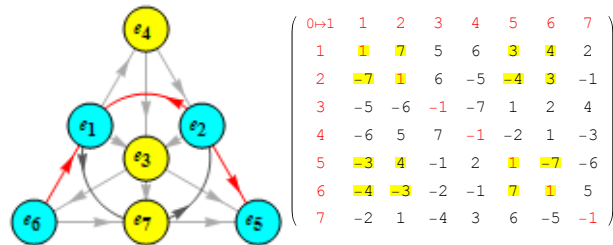
0→1	1	2	3	4	5	6	7
1	<b>1</b>	-7	<b>-5</b>	6	-3	<b>4</b>	<b>-2</b>
2	7	<b>-1</b>	6	-5	4	-3	-1
3	<b>5</b>	-6	<b>1</b>	-7	1	<b>-2</b>	<b>-4</b>
4	-6	5	7	-1	-2	1	-3
5	3	-4	-1	2	<b>-1</b>	7	-6
6	<b>-4</b>	3	<b>2</b>	-1	-7	<b>1</b>	<b>-5</b>
7	<b>2</b>	1	<b>4</b>	3	6	<b>5</b>	<b>1</b>

Split=6(1, 2, 5, 6) Not Flipped



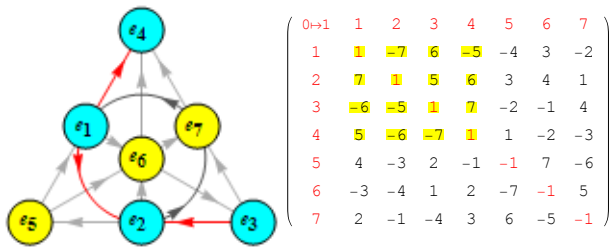
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	-6	5	<b>4</b>	<b>-3</b>	<b>-2</b>
2	<b>7</b>	<b>1</b>	-5	-6	<b>-3</b>	<b>-4</b>	1
3	6	5	<b>-1</b>	-7	-2	-1	4
4	-5	6	7	-1	1	-2	-3
5	<b>-4</b>	<b>3</b>	2	-1	<b>1</b>	<b>-7</b>	-6
6	<b>3</b>	<b>4</b>	1	2	<b>7</b>	<b>1</b>	5
7	2	-1	-4	3	6	-5	<b>-1</b>

Split=7(1, 2, 3, 4) Flipped



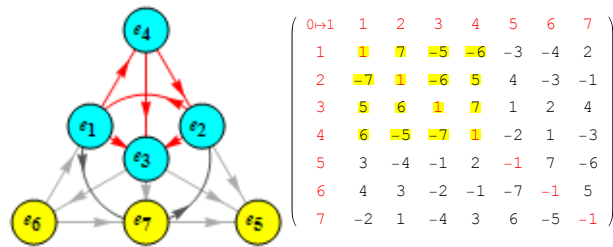
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>7</b>	5	6	<b>3</b>	<b>4</b>	2
2	<b>-7</b>	<b>1</b>	6	-5	<b>-4</b>	<b>3</b>	-1
3	-5	-6	<b>-1</b>	-7	1	2	4
4	-6	5	7	-1	-2	1	-3
5	<b>-3</b>	<b>4</b>	-1	2	<b>1</b>	<b>-7</b>	-6
6	<b>-4</b>	<b>-3</b>	-2	-1	<b>7</b>	<b>1</b>	5
7	-2	1	-4	3	6	-5	<b>-1</b>

Split=7(1, 2, 3, 4) Not Flipped



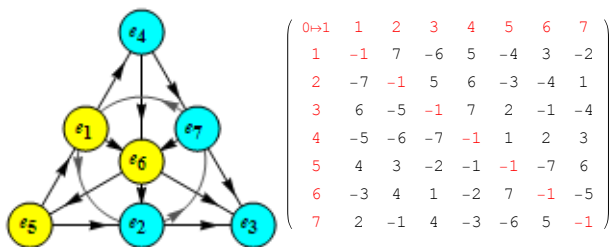
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	<b>6</b>	<b>-5</b>	-4	3	-2
2	<b>7</b>	<b>1</b>	<b>5</b>	<b>6</b>	3	4	1
3	<b>-6</b>	<b>-5</b>	<b>1</b>	<b>7</b>	-2	-1	4
4	<b>5</b>	<b>-6</b>	<b>-7</b>	<b>1</b>	-2	-3	
5	4	-3	2	-1	<b>-1</b>	7	-6
6	-3	-4	1	2	-7	<b>-1</b>	5
7	2	-1	-4	3	6	-5	<b>-1</b>

E8h141 Flip ((1, 2, 7), (1, 6, 3), (1, 4, 5), (2, 3, 5), (2, 4, 6), (3, 4, 7), (5, 7, 6))



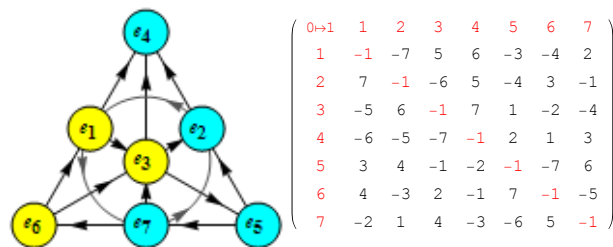
0→1	1	2	3	4	5	6	7
1	<b>1</b>	<b>-7</b>	<b>5</b>	<b>-6</b>	-3	-4	2
2	<b>-7</b>	<b>1</b>	<b>-6</b>	<b>5</b>	4	-3	-1
3	<b>5</b>	<b>6</b>	<b>1</b>	<b>7</b>	1	2	4
4	<b>6</b>	<b>-5</b>	<b>-7</b>	<b>1</b>	-2	1	-3
5	3	-4	-1	2	<b>-1</b>	7	-6
6	4	3	-2	-1	-7	<b>-1</b>	5
7	-2	1	-4	3	6	-5	<b>-1</b>

No Flip ((1, 7, 2), (1, 3, 5), (1, 4, 6), (2, 6, 3), (2, 4, 5), (3, 4, 7), (5, 7, 6))



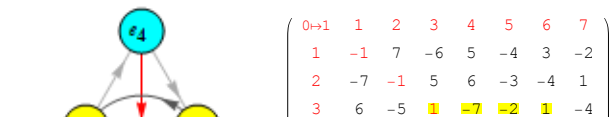
0→1	1	2	3	4	5	6	7
1	-1	7	-6	5	-4	3	-2
2	-7	<b>-1</b>	5	6	-3	-4	1
3	6	-5	<b>-1</b>	7	2	-1	-4
4	-5	-6	-7	<b>-1</b>	1	2	3
5	4	3	-2	-1	<b>-1</b>	-7	6
6	-3	4	1	-2	7	<b>-1</b>	-5
7	2	-1	4	-3	-6	5	<b>-1</b>

Split=1(3, 4, 5, 6) Flipped

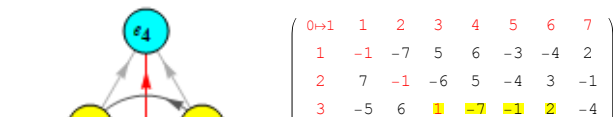


0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	<b>-1</b>	-6	5	-4	3	-1
3	-5	6	<b>-1</b>	7	1	-2	-4
4	-6	-5	-7	<b>-1</b>	2	1	3
5	3	4	-1	-2	<b>-1</b>	-7	6
6	4	-3	2	-1	7	<b>-1</b>	-5
7	-2	1	4	-3	-6	5	<b>-1</b>

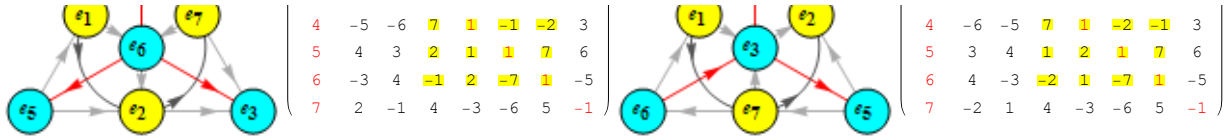
Split=1(3, 4, 5, 6) Not Flipped



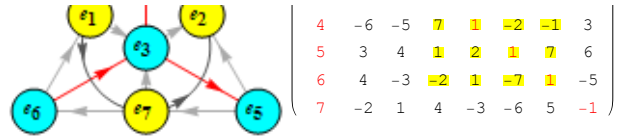
0→1	1	2	3	4	5	6	7
1	-1	7	-6	5	-4	3	-2
2	-7	<b>-1</b>	5	6	-3	-4	1
3	6	-5	<b>1</b>	<b>-7</b>	<b>-2</b>	<b>1</b>	-4



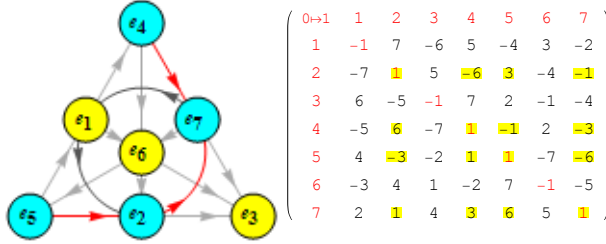
0→1	1	2	3	4	5	6	7
1	-1	-7	5	6	-3	-4	2
2	7	<b>-1</b>	-6	5	-4	3	-1
3	-5	6	<b>1</b>	<b>-7</b>	<b>-1</b>	<b>2</b>	-4



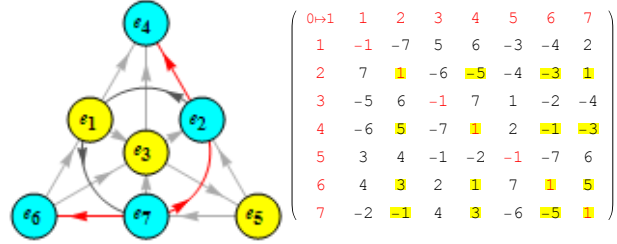
Split=2(2, 4, 5, 7) Flipped



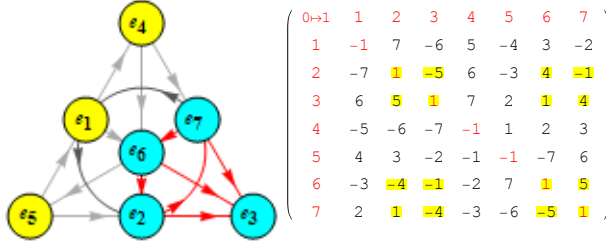
Split=2(2, 4, 6, 7) Not Flipped



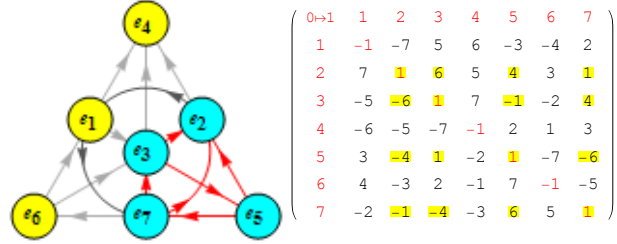
Split=3(2, 3, 6, 7) Flipped



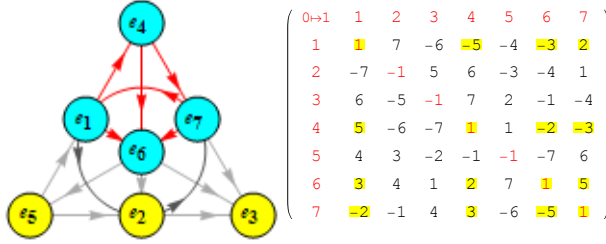
Split=3(2, 3, 5, 7) Not Flipped



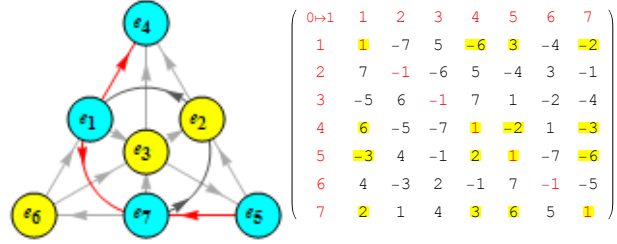
Split=4(1, 4, 6, 7) Flipped



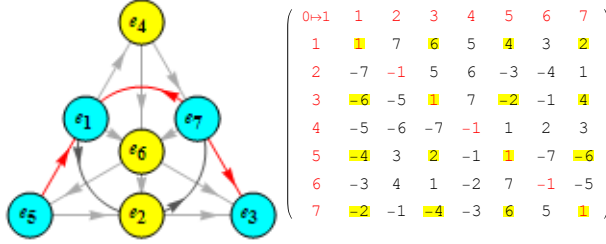
Split=4(1, 4, 5, 7) Not Flipped



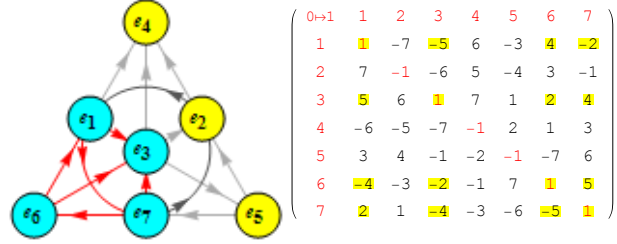
Split=5(1, 3, 5, 7) Flipped



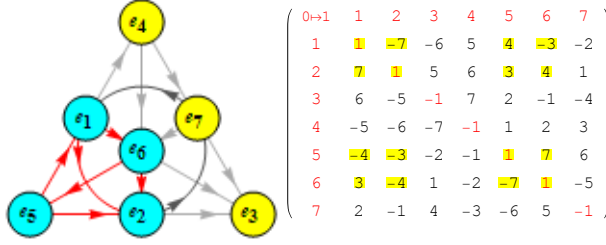
Split=5(1, 3, 6, 7) Not Flipped



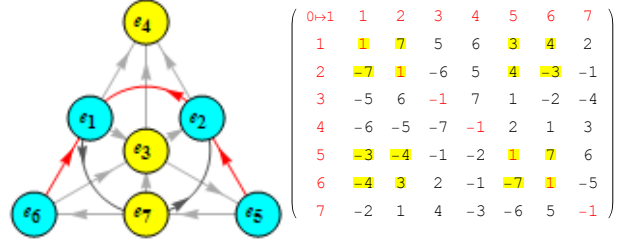
Split=6(1, 2, 5, 6) Flipped



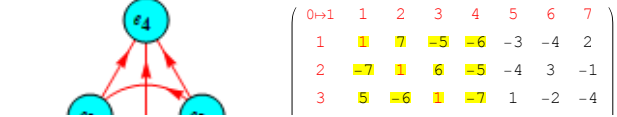
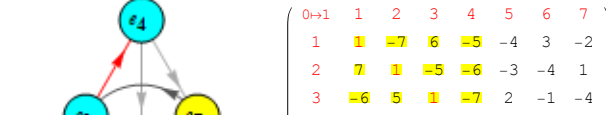
Split=6(1, 2, 5, 6) Not Flipped



Split=7(1, 2, 3, 4) Flipped



Split=7(1, 2, 3, 4) Not Flipped







4	5	6	7	1	2	3
5	4	3	-2	-1	-1	-7
6	-3	4	1	-2	7	-1
7	2	-1	4	-3	-6	5



4	6	5	7	1	2	3
5	3	4	-1	-2	-1	-7
6	4	-3	2	-1	7	-1
7	-2	1	4	-3	-6	5