#Another Solution to Beal and Fermat?
(In PyCharm or Python)

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04/19/2016

Abstract

The Tijdeman–Zagier conjecture, also known as Beal's conjecture, is a conjecture in number theory: –

If

$$A^x + B^y = C^z,$$

Where *A*, *B*, *C*, *x*, *y*, and *z* are positive integers with *x*, *y*, *z* > 2, then *A*, *B*, and *C* have a common prime factor. Equivalently, There are no solutions to the above equation in positive integers *A*, *B*, *C*, *x*, *y*, *z* with *A*, *B*, and *C* being pairwise coprime and all of *x*, *y*, *z* being greater than 2.

I.

#If #(3**(1**72))+(4**(1**72))=(7**(1**72))

```
A=(3**(1**72))
B=(4**(1**72))
C=(7**(1**72))
D=A+B
print (A,B,C,D)
#A=3 B=4 C=7 D=7
```

II

#Then

#(3**(10**72))+(4**(10**72))=(7**(10**72))

```
#a=(3**(10**72))
A=3**1000000000000000000000000000000000000000000000000000000000000000000000000000000
#b=(4**((10**72))
B=4**1000000000000000000000000000000000000000000000000000000000000000000000000000000
#c=(7**((10**72))
C=7**1000000000000000000000000000000000000000000000000000000000000000000000000000000
D=A+B
#D=(7**10000000000000000000000000000000000000000000000000000000000000000000000000000000000)
```

```
print (A,B,C,D)

#A=Infinity
A=3**10000000000000000000000000000000000000000000000000000000000000000000000000000
#B=Infinity
B=4**10000000000000000000000000000000000000000000000000000000000000000000000000000
#C=Infinity
C=7**10000000000000000000000000000000000000000000000000000000000000000000000000000
#D=Infinity
D=7**10000000000000000000000000000000000000000000000000000000000000000000000000000
```

III.

*#(3**(1**72))+(4**(1**72))=(7**(1**72)) or 3+4=7 & (3**((10)**72))+(4**10**72))=(7**(10**72))* or Infinity + Infinity = Infinity is a solution to the equation A**x + B**y = C**Z in positive integers *A, B, C, x, y, z* with *A, B*, and *C* being pairwise coprime and all of *x, y, z* being greater than 2.