

10/3/2016

Abstract

(1/2 Part)>1.002 (1.002, 2.16, 4.008 & 6.012) Generate Riemann Non Trivial Zero's Off Of Critical Line. A Riemann Non Trivial Zero off the Critical Line occurs between 1 / 2 or .50 and Gamma 0.577215664901532860606512090 08240243104 215 93 359399. When (1/2 Part) = (1.002 , 2.16, 4.008 & 6.012) Riemann Non Trivial Zero's Are Off .001 To The Rt. Of The Critical Line & When (1/2 Part)= (1 / 2) A Riemann Non Trivial Zero's Will Be On Critical Line.

I. Introduction

Riemann Zeta Function real side is set to 1 / 2 =.5 or .5 X 2 = 1, therefore if one takes .501 X 2 =1.002, this will produce a Riemann Non Trivial Zero 14.162994592018164. The reason this happens is that Riemann may have used 1 / 2 or .5 in the Riemann Zeta Function but may have studied Gamma or Euler–Mascheroni constant (also called Euler's constant)= 0.5772156649015328 60606512090082402431042 1593359399. A Riemann Non Trivial Zero off the Critical Line occurs between 1 / 2 or .50 and Gamma 0.5772156649015328606065120900824024310421593359399 which is 1.002/2 or .501 = 14.134 Riemann Non Trivial Zero at 1/2 / .5 =14.162994592018164 a Non Trivial Riemann Zero at (1 / 2 Part)= 1.002, .001 off to right of .50 or off of the Critical Line. A proportion below is used to calculate the relationship between (1 / 2 Part)>1 or 1.002 and the Riemann Zero's.(A/C=B/D)

II. (A/C=B/D)

.501 A(.001 to the Rt. Of .50) X

(14.1347251417346937904572519835624702707842571156992431756855674601499634298092567649490103931715610127792 0297154879743676614269146988225458250536323944713778041338123720597054962195586586020055556672583601077370 0205410982661507542780517442591306254481978651072304938725629738321577420395215725674809332140034990468034 3462673144209203773854871413783173563969953654281130796805314916885290678208229804926433866673462332007875 8761792005604868054356801444424651065597568665903228686510544859444320624072727032094274522213048748720924 1238514183514605427901524478338354254533440044879368067616973008190007313938549837362150130451672696838920 0391762851232128542205239691334258322753351640601697635275637589695376749203361272092599917304270756830879 5118445348918008630082648312516911271068291052375961797743181517071354531677549515382893784903647470972701 9948485532209253574357909226125247736595518016975233461213977316005354125926747455725877801472609830808978 600712532087509395997966660675378381214891908864977277554420656532052405 D (1 st Actual Riemann Zero))/ (.50 C (Which is 1 / 2))=(14.162994592018164 B (Calculated Riemann Zero))

Note: -2,-4,-6 Trivial Riemann Zero's are integers and 1.002, 2.16, 4.008 & 6.012 are irrationals that generate Non Trivial Riemann Zero's off of 1 / 2 or Critical Line and is to the right of the 1 / 2 Critical Line by .001 or .501. In this case .501 is between .5 and Gamma 0.57721566490153286060651209 00824024310421593359399 and is equal to 14.162994592018164 which is equal to the first Riemann Zero (14.13 albeit to 1 decimal place).

II . (A/C=B/D) Table

When (1/2 part)> 1.002 are irrationals (1.002, 2.16, 4.008 & 6.012) and between .5 & Gamma these 1 / 2 part irrationals generate Riemann Zero's that are .001 to the right of 1 / 2 or the off of the Critical Line and equal to an actual Riemann Non Trivial Zero.

1 / 2 Part	Between .5 & *Gamma .001 to the Rt. of Critical Line	Python Calculation Riemann Zero (Non Trivial)	Position on Critical Line	(1/2 part) Integer	Actual Riemann Zero (Non Trivial)	Position on Critical Line
(>1) 1.002(S)/2=.501	(.501)X(1)=.501	14.1	OFF	1	14.1	ON
(>1) 2.16(S)/2=1.08	(.540)X(2)=1.08	30.5	OFF	2	30.4	ON
(>1) 4.008(S)/2=2.004	(.501)X(4)=2.004	56.6	OFF	4	56.4	ON
(>1) 6.012(S)/2=3.006	(.501)X(6)=3.006	84.9	OFF	6	84.7	ON

III. (A/C=B/D) in PyCharm

(1 / 2 Part) >1.002 in PyCharm a Riemann Non Trivial Zero off of the Critical Line is generated .001 to the Rt. Of .50 & less than Gamma or Euler-Mascheroni constant = 0.5772156649015328606065120900824024310421593359399.

(1 / 2 Part)=1.002/2

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A=(.501*14.134725141734693790457251983562470270784257115699243175685567460149963429809256764949010393171561
0127792029715487974367661426914698822545825053632394471377804133812372059705496219558658602005555667258360
1077370020541098266150754278051744259130625448197865107230493872562973832157742039521572567480933214003499
0468034346267314420920377385487141378317356396995365428113079680531491688529067820822980492643386667346233
2007875876179200560486805435680144442465106559756866590322868651054485944432062407272703209427452221304874
8720924123851418351460542790152447833835425453344004487936806761697300819000731393854983736215013045167269
6838920039176285123212854220523969133425832275335164060169763527563758969537674920336127209259991730427075
6830879511844534891800863008264831251691127106829105237596179774318151707135453167754951538289378490364747
0972701994848553220925357435790922612524773659551801697523346121397731600535412592674745572587780147260983
0808978600712532087509395997966660675378381214891908864977277554420656532052405)/.50
print (A) 14.1 (Riemann Zero Off Critical Line .001 to the Rt.)
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(1 / 2 Part)=2.16/2

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A=(1.08*14.134725141734693790457251983562470270784257115699243175685567460149963429809256764949010393171561
0127792029715487974367661426914698822545825053632394471377804133812372059705496219558658602005555667258360
1077370020541098266150754278051744259130625448197865107230493872562973832157742039521572567480933214003499
0468034346267314420920377385487141378317356396995365428113079680531491688529067820822980492643386667346233
2007875876179200560486805435680144442465106559756866590322868651054485944432062407272703209427452221304874
8720924123851418351460542790152447833835425453344004487936806761697300819000731393854983736215013045167269
6838920039176285123212854220523969133425832275335164060169763527563758969537674920336127209259991730427075
6830879511844534891800863008264831251691127106829105237596179774318151707135453167754951538289378490364747
0972701994848553220925357435790922612524773659551801697523346121397731600535412592674745572587780147260983
0808978600712532087509395997966660675378381214891908864977277554420656532052405)/.50
print (A) 30.5 (Riemann Zero Off Critical Line .040 to the Rt.)
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(1 / 2 Part)=4.008/2

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A=(2.004*14.13472514173469379045725198356247027078425711569924317568556746014996342980925676494901039317156
1012779202971548797436766142691469882254582505363239447137780413381237205970549621955865860200555566725836
0107737002054109826615075427805174425913062544819786510723049387256297383215774203952157256748093321400349
9046803434626731442092037738548714137831735639699536542811307968053149168852906782082298049264338666734623
3200787587617920056048680543568014444246510655975686659032286865105448594443206240727270320942745222130487
4872092412385141835146054279015244783383542545334400448793680676169730081900073139385498373621501304516726
9683892003917628512321285422052396913342583227533516406016976352756375896953767492033612720925999173042707
5683087951184453489180086300826483125169112710682910523759617977431815170713545316775495153828937849036474
7097270199484855322092535743579092261252477365955180169752334612139773160053541259267474557258778014726098
30808978600712532087509395997966660675378381214891908864977277554420656532052405)/.50
print (A) 56.6 (Riemann Zero Off Critical Line .001 to the Rt.)
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(1 / 2 Part)=6.012/2

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A=(3.006*14.13472514173469379045725198356247027078425711569924317568556746014996342980925676494901039317156
1012779202971548797436766142691469882254582505363239447137780413381237205970549621955865860200555566725836
0107737002054109826615075427805174425913062544819786510723049387256297383215774203952157256748093321400349
9046803434626731442092037738548714137831735639699536542811307968053149168852906782082298049264338666734623
3200787587617920056048680543568014444246510655975686659032286865105448594443206240727270320942745222130487
4872092412385141835146054279015244783383542545334400448793680676169730081900073139385498373621501304516726
9683892003917628512321285422052396913342583227533516406016976352756375896953767492033612720925999173042707
5683087951184453489180086300826483125169112710682910523759617977431815170713545316775495153828937849036474
7097270199484855322092535743579092261252477365955180169752334612139773160053541259267474557258778014726098
30808978600712532087509395997966660675378381214891908864977277554420656532052405)/.50
print (A) 84.9 (Riemann Zero Off Critical Line .001 the Rt.)
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(1 / 2 Part)>1.002 or Irrationals (1.002, 2.16, 4.008 & 6.012) Generate Riemann Non Trivial Zero's Off Of Critical Line. When (1 / 2 Part) = Irrationals (1.002 , 2.16, 4.008 & 6.012) Riemann Non Trivial Zero's Are Off .001 To The Rt. Of The Critical Line & When (1/2 Part) = (1/2) A Riemann Non Trivial Zero's Will Be On Critical Line.