



# The poison pill of current mathematics theory, delivered The concordance of numbers spirals and prime numbers spirals

Vinoo Cameron

Hope research, Athens, Wisconsin, USA  
E-mail: Hope9900@frontier.com

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## Abstract

The author had receded to discover the calculus of spirals, and then this discovery hit him, cutting short the calculus. **The findings of concordance between natural linear numbers and prime numbers are so blatant in the mathematics, and clearly all prime numbers can be placed by spirals by their gaps and ascension of +2 and that linear ascension of prime numbers, is not mathematics in the overall logic as shown here.** This manuscript is about the basics of the correct spiral placement of prime numbers and completely rejects the current linear mathematics with regard to Prime numbers, even though there is some abject work on prime number distribution over the last two centuries including the work of Riemann, but all that is irrelevant with regards to the reality of numbers mathematics. The facts are even evident on a very special ,a novel Prime number sieve of *Theo Denotter* , who had done this for Hope research .

The author is a physician/surgeon, who in later life decided to take a fresh look into the circus of mathematics after his son was misdiagnosed because of an error in simple mathematics related to a torsion deformity of the spine. The author in this short manuscript is concerned about mathematics, and not its current pedigree, and current writing modes. The author is recently published and offers a fresh look at mathematics and clearly suggests that current mathematics is all wet in its pursuit of the final discovery in mathematics. The author points out for the sake of mathematics this perpetuated obsession that Prime numbers are somehow random by linear ascension, is Poppy cock! And yet premier universities and journals peruse it. The author in very simple mathematics, presents a simple evidence that by definition Prime numbers cannot be random (as is vastly proven in his publications), as their gaps are rational, divisible by 2 in several ways. The mathematical readers can deduce that by examination of the evidence presented here and the readers are referenced to the much more complex papers recently published, the understanding of which (may) be beyond the reach of current mathematicians.

**Keywords:** *Random prime numbers, rational prime numbers, Pythagoras triangle 1:3, revision of trigonometry, error of mathematics.*

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## 1 Introduction

The author has already shown by published papers the spiral ascension of Prime numbers and can indirectly produce the Spiral sequestration of prime numbers , but the matter of placement is quite complex yet very obvious , as with a simple algorithm , one can place all prime numbers in correct spirals as long as one uses our correct continuous published prime sieve(Theo Denotter) , no fare for current mathematics because of lack of any understanding of the 1:3 divergence at proportion 19. These spirals are briefly presented at the end.

## 2 Mathematics

Three series of numbers in ascension are presented as simple mathematics. Series A, C are series of form numbers and prime numbers, series B is by random mathematical definition, that the gaps in this series are not always divisible by 2.

**A.** 1,2,3,4,5,(6),7,8,9,10,11( *form numbers in ascension order*)

**B.** 1, 3, 6, 7, 8, (9), 11, 13, 14, 17, 24 (*random numbers in ascension order*)

**C.** 3, 5, 7, 11, 13, (17), 19, 23, 29, 31, 37, 41(*prime numbers in ascension order*)

By simple mathematics ascension gaps are calculated from station (6), (9), (17) at each of the series, and clearly these gaps are follows:

The gaps for linear form numbers series **A**: 2, 4, 6, 8, 10~

The gaps for true random series ascension numbers **B**: 3, 6, 8, 14, 23~

The gaps for linear ascension prime number series **C**: 6, 12, 22, 26, 34~

### 3 Prime number spiral sieve

|     |                 |     |
|-----|-----------------|-----|
| 1   | <b>5 (10)</b>   | 11  |
| 3   | <b>7 (10)</b>   | 13  |
| 5   | <b>11 (12)</b>  | 17  |
| 7   | <b>13 (12)</b>  | 19  |
| 11  | <b>17 (12)</b>  | 23  |
| 13  | <b>19 (16)</b>  | 29  |
| 17  | <b>23 (14)</b>  | 31  |
| 19  | <b>29 (18)</b>  | 37  |
| 23  | <b>31 (18)</b>  | 41  |
| 29  | <b>37 (14)</b>  | 43  |
| 31  | <b>41 (16)</b>  | 47  |
| 37  | <b>43 (16)</b>  | 53  |
| 41  | <b>47 (18)</b>  | 59  |
| 43  | <b>53 (18)</b>  | 61  |
| 47  | <b>59 (20)</b>  | 67  |
| 53  | <b>61 (18)</b>  | 71  |
| 59  | <b>67 (14)</b>  | 73  |
| 61  | <b>71 (18)</b>  | 79  |
| 67  | <b>73 (16)</b>  | 83  |
| 71  | <b>79 (18)</b>  | 89  |
| 73  | <b>83 (24)</b>  | 97  |
| 79  | <b>89 (22)</b>  | 101 |
| 83  | <b>97 (20)</b>  | 103 |
| 89  | <b>101 (18)</b> | 107 |
| 97  | <b>103 (12)</b> | 109 |
| 101 | <b>107 (12)</b> | 113 |
| 103 | <b>109 (24)</b> | 127 |
| 107 | <b>113 (24)</b> | 131 |
| 109 | <b>127 (28)</b> | 137 |
| 113 | <b>131 (26)</b> | 139 |
| 127 | <b>137 (22)</b> | 149 |
| 131 | <b>139 (20)</b> | 151 |
| 137 | <b>149 (20)</b> | 157 |
| 139 | <b>151 (24)</b> | 163 |
| 149 | <b>157 (18)</b> | 167 |
| 151 | <b>163 (22)</b> | 173 |
| 157 | <b>167 (22)</b> | 179 |
| 163 | <b>173 (18)</b> | 181 |
| 167 | <b>179 (24)</b> | 191 |
| 173 | <b>181 (20)</b> | 193 |
| 179 | <b>191 (18)</b> | 197 |
| 181 | <b>193 (18)</b> | 199 |
| 191 | <b>197 (20)</b> | 211 |
| 193 | <b>199 (30)</b> | 223 |
| 197 | <b>211 (30)</b> | 227 |
| 199 | <b>223 (30)</b> | 229 |
| 211 | <b>227 (22)</b> | 233 |
| 223 | <b>229 (16)</b> | 239 |

|     |                 |     |
|-----|-----------------|-----|
| 227 | <b>233 (14)</b> | 241 |
| 229 | <b>239 (22)</b> | 251 |
| 233 | <b>241 (24)</b> | 257 |
| 239 | <b>251 (24)</b> | 263 |
| 241 | <b>257 (28)</b> | 269 |
| 251 | <b>263 (20)</b> | 271 |
| 257 | <b>269 (20)</b> | 277 |
| 263 | <b>271 (18)</b> | 281 |
| 269 | <b>277(14)</b>  | 283 |
| 271 | <b>281(22)</b>  | 293 |
| 277 | <b>283 (36)</b> | 307 |
| 281 | <b>293 (34)</b> | 311 |
| 283 | <b>307(30)</b>  | 313 |
| 293 | <b>311 (24)</b> | 317 |
| 307 | <b>313 (24)</b> | 331 |
| 311 | <b>317 (26)</b> | 337 |
| 313 | <b>331 (34)</b> | 347 |
| 317 | <b>337 (32)</b> | 349 |
| 331 | <b>347 (22)</b> | 353 |
| 337 | <b>349 (22)</b> | 359 |
| 347 | <b>353 (20)</b> | 367 |
| 349 | <b>359 (24)</b> | 373 |
| 353 | <b>367 (26)</b> | 379 |
| 359 | <b>373 (24)</b> | 383 |
| 367 | <b>379 (22)</b> | 389 |
| 373 | <b>383 (24)</b> | 397 |
| 379 | <b>389 (22)</b> | 401 |
| 383 | <b>397 (26)</b> | 409 |
| 389 | <b>401 (30)</b> | 419 |
| 397 | <b>409 (24)</b> | 421 |
| 401 | <b>419 (30)</b> | 431 |
| 409 | <b>421 (24)</b> | 433 |
| 419 | <b>431 (20)</b> | 439 |
| 421 | <b>433 (22)</b> | 443 |
| 431 | <b>439 (18)</b> | 449 |
| 433 | <b>443 (24)</b> | 457 |
| 439 | <b>449 (22)</b> | 461 |
| 443 | <b>457 (20)</b> | 463 |
| 449 | <b>461 (18)</b> | 467 |
| 457 | <b>463 (22)</b> | 479 |
| 461 | <b>467 (26)</b> | 487 |
| 463 | <b>479 (28)</b> | 491 |
| 467 | <b>487 (32)</b> | 499 |
| 479 | <b>491 (24)</b> | 503 |
| 487 | <b>499 (22)</b> | 509 |
| 491 | <b>503 (30)</b> | 521 |
| 499 | <b>509 (24)</b> | 523 |
| 503 | <b>521 (38)</b> | 541 |
| 509 | <b>523 (38)</b> | 547 |
| 521 | <b>541 (36)</b> | 557 |
| 523 | <b>547 (40)</b> | 563 |
| 541 | <b>557 (29)</b> | 569 |
| 547 | <b>563 (24)</b> | 571 |
| 557 | <b>569 (20)</b> | 577 |
| 563 | <b>571 (24)</b> | 587 |
| 569 | <b>577 (24)</b> | 593 |

|     |                 |     |
|-----|-----------------|-----|
| 571 | <b>587 (28)</b> | 599 |
| 577 | <b>593 (24)</b> | 601 |
| 587 | <b>599 (20)</b> | 607 |
| 593 | <b>601 (20)</b> | 613 |
| 599 | <b>607 (18)</b> | 617 |
| 601 | <b>613 (18)</b> | 619 |
| 607 | <b>617 (24)</b> | 631 |
| 613 | <b>619 (28)</b> | 641 |
| 617 | <b>631 (26)</b> | 643 |
| 619 | <b>641 (28)</b> | 647 |
| 631 | <b>643 (22)</b> | 653 |
| 641 | <b>647 (18)</b> | 659 |
| 643 | <b>653 (18)</b> | 661 |
| 647 | <b>659 (26)</b> | 673 |
| 653 | <b>661 (24)</b> | 677 |
| 659 | <b>673 (24)</b> | 683 |
| 661 | <b>677 (30)</b> | 691 |
| 673 | <b>683 (28)</b> | 701 |
| 677 | <b>691 (32)</b> | 709 |
| 683 | <b>701 (36)</b> | 719 |
| 691 | <b>709 (36)</b> | 727 |
| 701 | <b>719 (32)</b> | 733 |
| 709 | <b>727 (30)</b> | 739 |
| 719 | <b>733 (24)</b> | 743 |
| 727 | <b>739 (24)</b> | 751 |
| 733 | <b>743 (24)</b> | 757 |
| 739 | <b>751 (22)</b> | 761 |
| 743 | <b>757 (26)</b> | 769 |
| 751 | <b>761 (22)</b> | 773 |
| 757 | <b>769 (30)</b> | 787 |
| 761 | <b>773 (36)</b> | 797 |
| 769 | <b>787 (40)</b> | 809 |
| 773 | <b>797 (38)</b> | 811 |
| 787 | <b>809 (34)</b> | 821 |
| 797 | <b>811 (26)</b> | 823 |
| 809 | <b>821 (18)</b> | 827 |
| 811 | <b>823 (18)</b> | 829 |
| 821 | <b>827</b>      |     |
| 823 | <b>829</b>      |     |
| 827 |                 |     |
| 829 |                 |     |

The spiral placement of Prime numbers as shown above. (1.....5.....11= half-line value **10** for prime number 5 since 11-1=10). The center lists reference the half line number value (**B**) for each corresponding number in the center line(C). Note the switch at prime (1, 3:11, 13) and (97,101:109,113)

#### 4 Comparative natural (spiral) number sieve

|   |          |           |
|---|----------|-----------|
| 1 | <b>3</b> | 5         |
| 2 | <b>4</b> | <b>6</b>  |
| 3 | <b>5</b> | 7         |
| 4 | <b>6</b> | 8         |
| 5 | <b>7</b> | 9         |
| 6 | <b>8</b> | <b>10</b> |
| 7 | <b>9</b> | <b>11</b> |

|         |            |    |
|---------|------------|----|
| 8       | 10         | 12 |
| 9       | 11         | 13 |
| 10      | 12         | 14 |
| 11      | 13         | 15 |
| 12      | 14         | 16 |
| 13      | 15         | 17 |
| 14      | 16         | 18 |
| 15      | 17         | 19 |
| 16      | 18         | 20 |
| 17      | 19         | 21 |
| 18      | 20         | 22 |
| 19      | 21         | 23 |
| 20      | 22         | 24 |
| 21      | 23         | 25 |
| 22      | 24         | 26 |
| 23      | 25         | 27 |
| 24      | 26         | 28 |
| 25      | 27         | 29 |
| 26      | 28         | 30 |
| 27      | 29         | 31 |
| 28      | 30         | 32 |
| 29      | 31         | 33 |
| 30      | 32         | 34 |
| 31      | 33         | 35 |
| 32      | 34         | 36 |
| 33      | 35         | 37 |
| 34      | 36         | 38 |
| 35      | 37         | 39 |
| 36      | 38         | 40 |
| 37      | 39         | 41 |
| 38      | 40         | 42 |
| 39      | 41         | 43 |
| 40      | 42         | 44 |
| 41      | 43         | 45 |
| 42      | 44         | 46 |
| 43      | 45         | 47 |
| 44      | 46         | 48 |
| 45      | 47         | 49 |
| 46      | 48         | 50 |
| 47      | 49         | 51 |
| 48      | 50         | 52 |
| 49      | 51         | 53 |
| 50      | 52         | 54 |
| 51      | 53         | 55 |
| 52      | 54         | 56 |
| This is | Infinite!! |    |

## 5 Concordance of spirals

(The numbers spiral is at 4 fixed): The regular numbers spirals are on the left, and the respective prime number spirals are at the right and then their addition values they vary according to *tangent value of each prime number*. This is complex, but there is no question that mathematics must abandon their current studies and theories in favor of a spiral, half line orientation of diversionary numbers.

|    |            |     |            |            |    |            |     |
|----|------------|-----|------------|------------|----|------------|-----|
| 1  | <b>3</b>   | 5   | <b>9</b>   | <b>9</b>   | -1 | <b>3</b>   | 7   |
| 3  | <b>5</b>   | 7   | <b>15</b>  | <b>17</b>  | 1  | <b>5</b>   | 11  |
| 5  | <b>7</b>   | 9   | <b>21</b>  | <b>23</b>  | 3  | <b>7</b>   | 13  |
| 9  | <b>11</b>  | 13  | <b>33</b>  | <b>33</b>  | 5  | <b>11</b>  | 17  |
| 11 | <b>13</b>  | 15  | <b>39</b>  | <b>39</b>  | 7  | <b>13</b>  | 19  |
| 15 | <b>17</b>  | 19  | <b>51</b>  | <b>51</b>  | 11 | <b>17</b>  | 23  |
| 17 | <b>19</b>  | 21  | <b>57</b>  | <b>61</b>  | 13 | <b>19</b>  | 29  |
| 21 | <b>23</b>  | 25  | <b>69</b>  | <b>71</b>  | 17 | <b>23</b>  | 31  |
| 27 | <b>29</b>  | 31  | <b>87</b>  | <b>85</b>  | 19 | <b>29</b>  | 37  |
| 29 | <b>31</b>  | 33  | <b>93</b>  | <b>95</b>  | 23 | <b>31</b>  | 41  |
| 35 | <b>37</b>  | 39  | <b>111</b> | <b>109</b> | 29 | <b>37</b>  | 43  |
| 39 | <b>41</b>  | 43  | <b>123</b> | <b>119</b> | 31 | <b>41</b>  | 47  |
| 41 | <b>43</b>  | 45  | <b>129</b> | <b>133</b> | 37 | <b>43</b>  | 53  |
| 99 | <b>101</b> | 103 | <b>303</b> | <b>301</b> | 97 | <b>101</b> | 103 |

## 6 The spiral grid of prime number placement

*Indelible proof of Predictive equalized values for the prime spiral grid 14 and 16 grid as an example since these two spirals add up to 30, and their tangents to 2, the base value for spiral grid 14 is (23)-37,67,233,277,1283,1297, and the base value for spiral grid 16 is (19)-41,43,73,229,1093,1429, 1481....The progressive predictive values of spiral values are by special calculus, this grid demonstrates the spiral placement of Prime numbers. Note that the gaps are +2 in the 14, and +4 in the 16 series (in red). MOST POSITIVELY THIS SHOWS THAT THE PRIME NUMBER ARE NOT RANDOM BUT IN UNISON WITH NATURAL NUMBERS IN A SPIRAL. Note the 180 values that are identical, these represent the "Chan point" of Prime 19 and prime 23 spiral by their cross positioning*

$13(12) \dots 19(16) \dots 29(18)$   
 $17(12) \dots 23(14) \dots 31(18)$   
 $18+12=30$   
 $16+4=30$   
 $(19)/6/7 + (23)/6/7=1$

*Mathematical proof of Stability of varied values in a spiral at value 3, even cross spiral between prime spiral and regular number spirals. There much needs to be accomplished, but without a doubt the spiral mode is the fit for prime numbers, not the current theory of linear ascension. The calculus itself will be based on this and I will complete it. I looked at any mathematical vestige of randomness of Prime number in the mathematics, I find none, and I find that prime numbers are related to regular numbers, by symmetrical spiral placement and tangents.*

Reference to grid below:

$71-(31*3)=-22$   
 $109-(43*3)=-20$   
 $199-(73*3)=-20$   
 $701-(241*3)=-22$   
 $829-(283*3)=-20$   
 $3851-(1291*3)=-22$   
 $3889-(1303*3)=-20$   
 $71-(17*3)=+20$   
 $109-(29*3)=+22$   
 $199-(59*3)=+22$   
 $701-(227*3)=+20$   
 $829-(269*3)=+22$   
 $3851-(1277*3)=+20$   
 $3889-(1289*3)=+22$

|                 |       |       |       |      |      |       |       |      |
|-----------------|-------|-------|-------|------|------|-------|-------|------|
| <b>23--base</b> | 21+   | 23+   | 25    | 69   | 71   | 17+   | 23+   | 31   |
| <b>37--</b>     | 35+   | 37+   | 39    | 111  | 109  | 29+   | 37+   | 43   |
| <b>67--</b>     | 65+   | 67+   | 69    | 201  | 199  | 59+   | 67+   | 73   |
| <b>233--</b>    | 231+  | 233+  | 235   | 699  | 701  | 227+  | 233+  | 241  |
| <b>277--</b>    | 275+  | 277+  | 279   | 831  | 829  | 269+  | 277+  | 283  |
| <b>1283--</b>   | 1281+ | 1283+ | 1285  | 3849 | 3851 | 1277+ | 1283+ | 1291 |
| <b>1297--</b>   | 1295+ | 1297+ | 1299  | 3891 | 3889 | 1289+ | 1297+ | 1303 |
|                 |       |       |       |      |      |       |       |      |
| 111+69          | =180  |       |       |      |      |       |       |      |
| 109+71          | =180  |       |       |      |      |       |       |      |
| 201+69          | =270  |       |       |      |      |       |       |      |
| 199+71          | =270  |       |       |      |      |       |       |      |
| 699+71          | =770  |       |       |      |      |       |       |      |
| 701+69          | =770  |       |       |      |      |       |       |      |
| 829+71          | =900  |       |       |      |      |       |       |      |
| 831+69          | =900  |       |       |      |      |       |       |      |
| 3849+71         | =3920 |       |       |      |      |       |       |      |
| 3851+69         | =3920 |       |       |      |      |       |       |      |
| 3889+71         | =3960 |       |       |      |      |       |       |      |
| 3891+69         | =3960 |       |       |      |      |       |       |      |
|                 |       |       |       |      |      |       |       |      |
| <b>19--base</b> | 17+   | 19+   | 21    | 57   | 61   | 13+   | 19+   | 29   |
| <b>41--</b>     | 39+   | 41+   | 43    | 123  | 119  | 31+   | 41+   | 47   |
| <b>43--</b>     | 41+   | 43+   | 45    | 129  | 133  | 37+   | 43    | 53   |
| <b>73--</b>     | 71+   | 73+   | 75    | 219  | 223  | 67+   | 73+   | 83   |
| <b>229--</b>    | 227+  | 229+  | 231   | 687  | 691  | 223+  | 229+  | 231  |
| <b>1093--</b>   | 1091+ | 1093+ | 1095  | 3279 | 3283 | 1087+ | 1093+ | 1103 |
| <b>1429--</b>   | 1427+ | 1429+ | 1431+ | 4287 | 4291 | 1423+ | 1429+ | 1439 |
| <b>1481--</b>   | 1479+ | 1481+ | 1483+ | 4443 | 4439 | 1471+ | 1481  | 1487 |
|                 |       |       |       |      |      |       |       |      |
| 123+57          | =180  |       |       |      |      |       |       |      |
| 119+61          | =180  |       |       |      |      |       |       |      |
| 129+61          | =190  |       |       |      |      |       |       |      |
| 133+57          | =190  |       |       |      |      |       |       |      |
| 219+61          | =280  |       |       |      |      |       |       |      |
| 223+57          | =280  |       |       |      |      |       |       |      |
| 687+61          | =748  |       |       |      |      |       |       |      |
| 691+57          | =748  |       |       |      |      |       |       |      |
| 3279+61         | =3340 |       |       |      |      |       |       |      |
| 3283+57         | =3340 |       |       |      |      |       |       |      |
| 4287+61         | =4348 |       |       |      |      |       |       |      |
| 4291+57         | =4348 |       |       |      |      |       |       |      |
| 4443+57         | =4500 |       |       |      |      |       |       |      |
| 4439+61         | =4500 |       |       |      |      |       |       |      |

## 7 Proof of spiral constant for prime series (new discovery)

The author has established these for the spiral 16 and 14, which are the most stable, and the stability of regular numbers with prime numbers is evident.

The Proof and the solution is clear and evident to adequate mathematicians in the following equalizations for the spiral 16 (19,41,43,73,229,1093,1429...)and for the spiral 14(23,37,67,233,277, 1283,1497) based on the numbers for the spiral constant , forever dispelling the myth of random prime numbers, and proving the rational distribution of prime numbers in spirals. These mathematical facts are "Ipso –Facto"

**Spiral 19**

**$17+P19+22=57$**

**$13+P19+29=61$**

$123-61=62$

$119-57=62$

**$39+P41+43=123$**

**$31+P41+47=119$**

**$41+P43+45=129$**

**$37+P43+53=133$**

$129-119=10$

$133-123=10$

$133-61=72$

$129-57=72$

**$71+P73+75=219$**

**$67+P73+83=223$**

$223-133=90$

$219-129=90$

$223-61=162$

$219-57=162$

**$227+P229+231=687$**

**$227+P229+239=691$**

$691-223=468$

$687-219=468$

$691-61=630$

$687-57=630$

**$1091+P1093+1095=3279$**

**$1087+P1093+1103=3283$**

$3283-691=2592$

$3279-687=2592$

$3283-223=3060$

$3279-219=3060$

**$1427+P1429+1431=4287$**

**$1423+1429+1439=4291$**

$4287-3279=1008$

$4291-3283=1008$

$4287-691=3600$

$4291-691=3600$

**Spiral 14**

**$21+P23+25=69$**

**$17+P23+31=71$**

$109-69=40$

$111-71=40$

**$35+P37+39=111$**

**$29+P37+37=109$**

**$65+P67+69=201$**

**$59+P67+199=199$**

$701-201=90$

$699-199=90$



$$275+P277+279=831$$

$$227+P233+241=701$$

$$831-701=130$$

$$829-699=130$$

$$275+P277+279=831$$

$$269+P277+283=829$$

$$3851-831=3020$$

$$3849-829=3020$$

$$1281+P1283+1285=3849$$

$$1277+P1283+1291=3851$$

$$3891-3851=40$$

$$3889-3849=40$$

### Tangent Calculation of each prime number

Spiral 16: Prime numbers 19, 41, 43, 73, 229, 1093, 1429...

#### 19:

$$17+19+21=57$$

$$13+19+29=61...62$$

$$57/3=19$$

$$61/3=20.333333333333$$

(Tangent Value  $20.333333333333-19=1.333333333333$ )

#### 41:

$$39+41+43=12331+41+47=119$$

$$123/3=41$$

$$119/3=39.666666666666$$

(Tangent value  $41-39.666666666666=1.333333333333$ .)

#### 43:

$$41+43+45=129$$

$$37+43+53=133$$

$$129/3=43$$

$$133/3=44.333333333333$$

(Tangent value  $44.333333333333-43=1.333333333333$ )

#### 73:

$$71+73+75=219$$

$$67+73+83=223$$

$$219/3=73$$

$$223/3=74.333333333333$$

(Tangent value  $74.333333333333-73=1.333333333333$ )

#### 229:

$$227+229+231=687$$

$$223+229+239=691$$

$$687/3=229$$

$$691/3=230.333333333333$$

(Tangent value  $230.333333333333-229=1.333333333333$ )

#### 1093:

$$1091+1093+1095=3279$$

$$1087+1093+1103=3283$$

$$3279/3=1093$$

$$3283/3=1094.333333333333.$$

$$(\text{Tangent value } 1094.333333333333-1093=1.333333333333)$$

**1429:**

$$1427+1429+1431=4287$$

$$1423+1429+1439=4291$$

$$4287/3=1429$$

$$4291/3=1430.333333333333$$

$$(\text{Tangent value } 1430.333333333333-1429=1.333333333333)$$

**Spiral (14) 23,37,67,233,277,1283,1297****23:**

$$21+23+25=69$$

$$17+23+31=71$$

$$69/3=23$$

$$71/3=23.6666666666666$$

$$(\text{Tangent value } 23.6666666666666-23=0.666666666666.)$$

**37:**

$$35+37+39=111$$

$$29+37+43=109$$

$$111/3=37$$

$$109/3=36.3333333333333$$

$$(\text{Tangent value } 37-36.3333333333333=0.666666666666)$$

**67:**

$$65+67+69=201$$

$$59+67+73=199$$

$$201/3=67$$

$$199/3=66.3333333333333$$

$$(\text{Tangent value } 67-66.3333333333333=0.666666666666)$$

**233:**

$$231+233+237=699$$

$$227+233+241=701$$

$$699/3=233$$

$$701/3=233.6666666666666$$

$$(\text{Tangent value } 233.6666666666666-233=0.666666666666)$$

**277:**

$$275+277+279=831$$

$$269+277+283=829$$

$$831/3=277$$

$$829/3=276.3333333333333$$

$$(\text{Tangent value } 277-276.3333333333333=0.666666666666)$$

**1283:**

$$1281+1283+1285=3849$$

$$1277+1283+1291=3851$$

$$3849/3=1283$$

$$3851/3=1283.6666666666666$$

$$(\text{Tangent value } 1283.6666666666666-1283=0.666666666666)$$

**1297:**

$$1295+1297+1299=3891$$

$$1289+1297+1303=3889$$

$$3891/3=1297$$

3889/3=1296.33333333333

(Tangent value 1297-1296.33333333333=0.66666666666666)

### 8 The 1/3 and 2/3 spiral at correct 360/19 degrees:

Pythagoras 1:3 (2013):

$$(\sqrt{10} - \sqrt{9})^2 = \frac{1}{(\sqrt{10} + \sqrt{9})^2}$$

The Author has pointed out a glaring error which is a poison pill for the current mathematics. The error is due to the failure of mathematics over time to adjust the offset of -1 as it applies to the calibrations that allow for precise matching of degrees to the 360 degree horizon .The intent is to alert the Annals of Mathematics of this major error in the mathematics, in this brief fashion, since *mathematical brevity is more intense than is mathematical levity*.

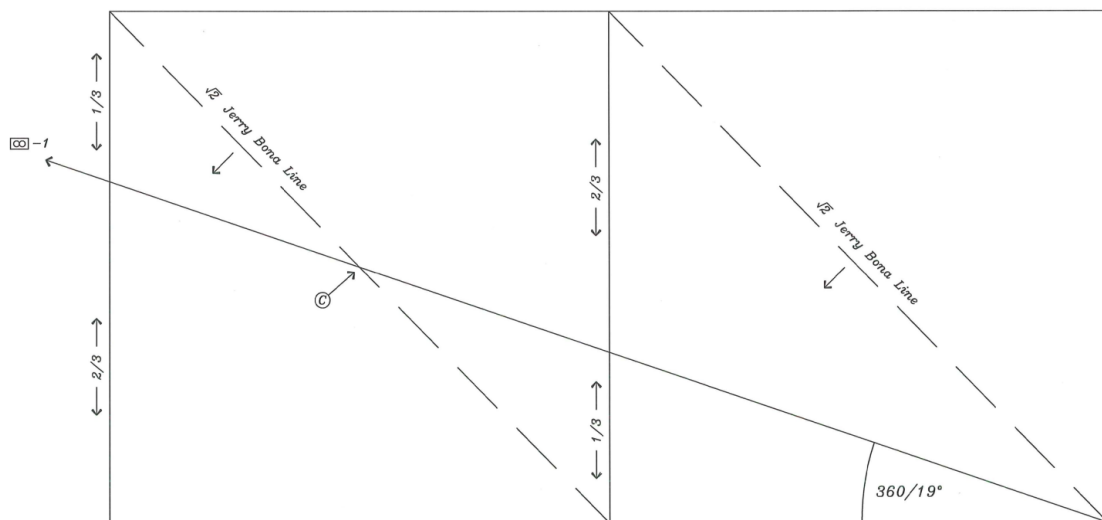
*(The differential of this patent Pythagoras equation represents -1 at 1:3 defines the entire mathematics. The number 3 alone in mathematics has singular one gap at (1+1) [1- (2) +1]; this is a fixed condition from primordial creation)*

The mathematics related to this precision is extensive, and proofs are extensive, please review the reference provided. The fact remains as shown in the precise diagram below, the base is  $\sqrt{9}$ , and the hypotenuse is  $\sqrt{10}$ , and the upright is  $\sqrt{1}$ . The angle subtended is precisely 360/19 degrees by pure mathematics. It is also very obvious that the precision of 1:3 Pythagoras in a square transects empty space, precisely. Now  $360/(360/19)=19$ , thus the 360 degree horizon is precisely marked off by the 1:3 division , and as such divergence of space is primarily 1:3. The matter is very complex, and is referenced in the single paper referenced below.

The grist of the following simple equation are presented in the introduction to sift out certain mathematical truths of mathematics that encompass the rational coordinates of -1, (360 primordial, 9, 10, 6, and 3.). Mathematics is a constriction from 4 to 3, thus 1:3 defines the whole mathematics, at -1.Please reference the 80 page manuscript .The mathematical point of this manuscript is encompassed by the diagram below. The divergence of 1 is precisely tied to the divergence of 3

### 9 Mathematical diagram

Note: The Simple diagonal line for a square is named after a Harvard trained Professor Jerry Bona in the diagram; it has little significance to the present mathematic. This is testament to the fact that the author did try to engage mathematicians of repute, including several PHDs:



## 10 Conclusion

Even a child can see the concordance, and numbers and prime numbers are not random and that *ALL PRIME NUMBERS ARE ARRANGED IN SPIRALS THAT ARE DEFINED BY HALF-LINE VALUES OF +2, AND EACH WITH A TANGENT NON LINEAR ASCENSION ASDCENSION BY TANGENTS. THE BASE SPIRAL TANGENT AT 19(16), AND 23(14), THE SO CALLED CHAN POINT AS PUBLISHED BEFORE. THE UNIVERSE OF MATHEMATICS ENDS AT A CHAN POINT WITH A TANGENT THAT IS VALUED AT 2 ( 1.33333333333+0.66666666666=2) ,* and this *linear obsession of twin prime is just an obsession of current mathematics*, the mathematics is spirally oriented as shown above. It is a great historic mistake to ever consider mathematics of prime numbers as being random, Prime number as is evident even to a new comer in mathematics and shown by the author are fundamentally rational and spiral. It is for this reason this is the “Poison Pill” that current mathematics has to swallow, and then regurgitate the camels it has created in the desert of mathematics.

### 10.1 Numbers equation

Given the fact that the half-line spirals as a rule run at divisible of 2 ( 10,12, 14, 16, 18, 20, 22,24,26,28,30..), it is mathematically possible by a numbers equation to *predict* all the spirals of prime numbers as delineated below, given the two spiral cords as demonstrated below, and given the precise **Den Otter prime sieve** published before. This possibility of this mathematics is a no-brainer, even though the numbers theorem is a challenge  
The two cords of prime number *have a precise form and manner* and these follow an ascension order as follows:

**Cord A:**

5,11,17,23,31,41,47,59,67,73,83,97,103,109,127,137,149,157,167,179,191,197,211,227,233,241,257,269,277,283,307, 313;331;347,353,369,379, 389,401,419,433,449,461,467,487, 499,509, 523,541,557,569,577,593,601,613,619, 631,641,647,659,673,,683,701,719...

**Cord B:**

7,13,19,29,37,43,53,61,71,79,89,101,107,113,131,139,151,163,173,181,193,199,223,229,239,251,263,271,281,293,311 ,317,337,349,359,373,383,397,409,431,443,457,463,479,491,503,521,547,563,571,587,599,607,617,631,643,653,661,6 77,691,709,727...

### 10.2 Prime number spirals

**10 Spiral numbers:**

1...5...11  
3...7...13

**12 spiral prime numbers**

|      |             |      |
|------|-------------|------|
| 5    | <b>11</b>   | 17   |
| 7    | <b>13</b>   | 19   |
| 11   | <b>17</b>   | 23   |
| 97   | <b>103</b>  | 109  |
| 101  | <b>107</b>  | 113  |
| 1481 | <b>1487</b> | 1493 |

1481-5=1476  
1487-11=1476  
1493-17=1476

**14 spiral prime numbers.**

|      |             |      |
|------|-------------|------|
| 17   | <b>23</b>   | 31   |
| 29   | <b>37</b>   | 43   |
| 59   | <b>67</b>   | 73   |
| 227  | <b>233</b>  | 241  |
| 269  | <b>277</b>  | 283  |
| 1277 | <b>1283</b> | 1291 |
| 1289 | <b>1297</b> | 1303 |

1289-17=1272  
 1297-23=1274  
 1303-31=1272

**16 spiral prime numbers:**

|      |             |      |
|------|-------------|------|
| 13   | <b>19</b>   | 29   |
| 31   | <b>41</b>   | 47   |
| 37   | <b>43</b>   | 53   |
| 67   | <b>73</b>   | 83   |
| 223  | <b>229</b>  | 239  |
| 1087 | <b>1093</b> | 1103 |
| 1423 | <b>1429</b> | 1439 |
| 1471 | <b>1481</b> | 1487 |

1471-13=1458  
 1481-19=1462  
 1487-29=1458

**18 spiral prime numbers:**

|      |             |      |
|------|-------------|------|
| 17   | <b>29</b>   | 37   |
| 23   | <b>31</b>   | 41   |
| 41   | <b>47</b>   | 59   |
| 43   | <b>53</b>   | 61   |
| 53   | <b>61</b>   | 71   |
| 61   | <b>71</b>   | 79   |
| 71   | <b>79</b>   | 89   |
| 89   | <b>101</b>  | 107  |
| 149  | <b>157</b>  | 167  |
| 163  | <b>173</b>  | 181  |
| 179  | <b>191</b>  | 197  |
| 181  | <b>193</b>  | 199  |
| 263  | <b>271</b>  | 281  |
| 431  | <b>439</b>  | 449  |
| 449  | <b>461</b>  | 467  |
| 599  | <b>607</b>  | 617  |
| 601  | <b>613</b>  | 619  |
| 641  | <b>647</b>  | 659  |
| 643  | <b>653</b>  | 661  |
| 809  | <b>821</b>  | 827  |
| 811  | <b>823</b>  | 829  |
| 821  | <b>827</b>  | 839  |
| 1091 | <b>1097</b> | 1109 |
| 1213 | <b>1223</b> | 1231 |
| 1279 | <b>1289</b> | 1297 |
| 1283 | <b>1291</b> | 1301 |
| 1471 | <b>1483</b> | 1489 |

1471-17=1452  
 1483-29=1454  
 1489-37=1452

**20 spiral prime numbers:**

|     |            |     |
|-----|------------|-----|
| 47  | <b>59</b>  | 67  |
| 83  | <b>97</b>  | 103 |
| 131 | <b>139</b> | 151 |
| 137 | <b>149</b> | 157 |

|      |             |      |
|------|-------------|------|
| 191  | <b>197</b>  | 211  |
| 251  | <b>263</b>  | 271  |
| 257  | <b>269</b>  | 277  |
| 347  | <b>353</b>  | 367  |
| 419  | <b>431</b>  | 439  |
| 443  | <b>457</b>  | 463  |
| 557  | <b>569</b>  | 577  |
| 587  | <b>599</b>  | 607  |
| 593  | <b>601</b>  | 613  |
| 1013 | <b>1021</b> | 1033 |
| 1019 | <b>1031</b> | 1039 |
| 1031 | <b>1039</b> | 1051 |
| 1049 | <b>1061</b> | 1069 |
| 1217 | <b>1229</b> | 1237 |
| 1301 | <b>1307</b> | 1321 |
| 1427 | <b>1433</b> | 1447 |
| 1433 | <b>1447</b> | 1453 |
| 1439 | <b>1451</b> | 1459 |

$$1439-47=1452$$

$$1451-59=1452$$

$$1459-67=1452$$

#### Spiral 22 prime numbers:

|      |             |      |
|------|-------------|------|
| 79   | <b>89</b>   | 101  |
| 127  | <b>137</b>  | 149  |
| 151  | <b>163</b>  | 173  |
| 157  | <b>167</b>  | 179  |
| 211  | <b>227</b>  | 233  |
| 229  | <b>239</b>  | 251  |
| 271  | <b>281</b>  | 293  |
| 337  | <b>347</b>  | 359  |
| 337  | <b>349</b>  | 359  |
| 367  | <b>379</b>  | 389  |
| 379  | <b>389</b>  | 401  |
| 421  | <b>433</b>  | 443  |
| 439  | <b>449</b>  | 461  |
| 457  | <b>463</b>  | 479  |
| 487  | <b>499</b>  | 509  |
| 631  | <b>643</b>  | 653  |
| 739  | <b>751</b>  | 761  |
| 751  | <b>761</b>  | 773  |
| 991  | <b>1009</b> | 1013 |
| 997  | <b>1013</b> | 1019 |
| 1009 | <b>1019</b> | 1031 |
| 1429 | <b>1439</b> | 1451 |

$$1429-79=1350$$

$$1439-89=1350$$

$$1451-101=1350$$

#### 24spiral numbers:

|     |            |     |
|-----|------------|-----|
| 73  | <b>83</b>  | 97  |
| 103 | <b>109</b> | 127 |
| 107 | <b>113</b> | 131 |
| 139 | <b>151</b> | 163 |

|      |             |      |
|------|-------------|------|
| 167  | <b>179</b>  | 191  |
| 233  | <b>241</b>  | 257  |
| 239  | <b>251</b>  | 263  |
| 293  | <b>311</b>  | 317  |
| 307  | <b>313</b>  | 331  |
| 349  | <b>359</b>  | 373  |
| 359  | <b>373</b>  | 383  |
| 373  | <b>383</b>  | 397  |
| 397  | <b>409</b>  | 421  |
| 409  | <b>421</b>  | 433  |
| 433  | <b>443</b>  | 457  |
| 479  | <b>491</b>  | 503  |
| 499  | <b>509</b>  | 523  |
| 547  | <b>563</b>  | 571  |
| 563  | <b>571</b>  | 587  |
| 569  | <b>577</b>  | 593  |
| 577  | <b>593</b>  | 601  |
| 607  | <b>617</b>  | 631  |
| 653  | <b>661</b>  | 661  |
| 659  | <b>673</b>  | 683  |
| 719  | <b>733</b>  | 743  |
| 727  | <b>739</b>  | 751  |
| 733  | <b>743</b>  | 757  |
| 839  | <b>857</b>  | 863  |
| 853  | <b>859</b>  | 877  |
| 857  | <b>863</b>  | 881  |
| 859  | <b>877</b>  | 883  |
| 863  | <b>881</b>  | 887  |
| 929  | <b>941</b>  | 953  |
| 967  | <b>977</b>  | 991  |
| 997  | <b>1013</b> | 1021 |
| 1039 | <b>1051</b> | 1063 |
| 1093 | <b>1103</b> | 1117 |
| 1297 | <b>1301</b> | 1321 |
| 1303 | <b>1319</b> | 1327 |
| 1409 | <b>1427</b> | 1433 |
| 1447 | <b>1453</b> | 1471 |

$$1447-73=1374$$

$$1453-83=1370$$

$$1471-97=1374$$

For the spiral 30 the first value is “deducible” and the first value is: 199 (193- **199**- 223). This is a good exercise in mathematical humility to predict these values, if current mathematics knows it all as it does claim to , it should be easy to solve ( this is obviously deducible).

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