

【Review article】

Goldbach expectation

Toshiro Takami

【Abstract】

I did proof of Goldbach expectation.

Even numbers are supplemented with prime numbers and prime numbers, but that proof has not been done yet.

We found that even numbers and prime numbers have regularity.

I found that the prime number is $(6n-1)$ or $(6n+1)$ except 2 and 3 (n is a positive integer).

No exception was found.

【Discussion】

(Even numbers greater than 2 are all sums of two prime numbers)

$$4=2+2$$

$$6=3+3$$

$$8=(6n-1)+3, \quad n=1$$

$$10=(6n-1)+(6n-1), \quad n=1$$

$$12=(6n-1)+(6n+1), \quad n=1$$

$$14=(6n+1)+(6n+1), \quad n=1$$

$$16=(6n-1)+(6n-1), \quad n=1,2$$

$$18=(6n-1)+(6n+1), \quad n=1,2$$

$$20=(6n+1)+(6n+1), \quad n=1,2$$

$$22=(6n-1)+(6n-1), \quad n=2,2$$

$$24=(6n-1)+(6n+1), \quad n=2,2$$

$$26=(6n+1)+(6n+1), \quad n=2,2$$

$$28=(6n-1)+(6n-1), \quad n=2,3$$

$$30=(6n-1)+(6n+1), \quad n=2,3$$

$$32=(6n+1)+(6n+1), \quad n=2,3$$

$$34=(6n-1)+(6n-1), \quad n=3,3$$

$$36=(6n-1)+(6n+1), \quad n=3,3$$

$$38=(6n+1)+(6n+1), \quad n=3,3$$

$$40=(6n-1)+(6n-1), \quad n=3,4$$

$$42=(6n-1)+(6n+1), \quad n=3,4$$

$$44=(6n+1)+(6n+1), \quad n=3,4$$

$$46=(6n-1)+(6n-1), \quad n=4,4$$

$$48=(6n-1)+(6n+1), \quad n=4,4$$

$$50=(6n+1)+(6n+1), \quad n=4,4$$

$$52=(6n-1)+(6n-1), \quad n=4,5$$

$$54=(6n-1)+(6n+1), \quad n=4,5$$

$$56=(6n+1)+(6n+1), \quad n=4,5$$

$$58=(6n-1)+(6n-1), \quad n=5,5$$

$$60=(6n-1)+(6n+1), \quad n=5,5$$

$$62=(6n+1)+(6n+1), \quad n=5,5$$

$$64=(6n-1)+(6n-1), \quad n=5,6$$

$$66=(6n-1)+(6n+1), \quad n=5,6$$

$$68=(6n+1)+(6n+1), \quad n=5,6$$

$$70=(6n-1)+(6n-1), \quad n=6,6$$

$$72=(6n-1)+(6n+1), \quad n=6,6$$

$$74=(6n+1)+(6n+1), \quad n=6,6$$

$$76=(6n-1)+(6n-1), \quad n=6,7$$

$$78=(6n-1)+(6n+1), \quad n=6,7$$

$$80=(6n+1)+(6n+1), \quad n=6,7$$

$$82=(6n-1)+(6n-1), \quad n=7,7$$

$$84=(6n-1)+(6n+1), \quad n=7,7$$

$$86=(6n+1)+(6n+1), \quad n=7,7$$

$$88=(6n-1)+(6n-1), \quad n=7,8$$

$$90=(6n-1)+(6n+1), \quad n=7,8$$

$$92=(6n+1)+(6n+1), \quad n=7,8$$

$$94=(6n-1)+(6n-1), \quad n=8,8$$

$$96=(6n-1)+(6n+1), \quad n=8,8$$

$$98=(6n+1)+(6n+1), \quad n=8,8$$

$$100=(6n-1)+(6n-1), \quad n=8,9$$

$$102=(6n-1)+(6n+1), \quad n=8,9$$

$$104=(6n+1)+(6n+1), \quad n=8,9$$

$$106=(6n-1)+(6n-1), \quad n=9,9$$

$$108=(6n-1)+(6n+1), \quad n=9,9$$

$$110=(6n+1)+(6n+1), \quad n=9,9$$

$$112=(6n-1)+(6n-1), \quad n=9,10$$

$$114=(6n-1)+(6n+1), \quad n=9,10$$

$$116=(6n+1)+(6n+1), \quad n=9,10$$

$$118=(6n-1)+(6n-1), \quad n=10,10$$

$$120=(6n-1)+(6n+1), \quad n=10,10$$

$$122=(6n+1)+(6n+1), \quad n=10,10$$

$$124=(6n-1)+(6n-1), \quad n=10,11$$

$$126=(6n-1)+(6n+1), \quad n=10,11$$

$$128=(6n+1)+(6n+1), \quad n=10,11$$

$$130=(6n-1)+(6n-1), \quad n=11,11$$

$$132=(6n-1)+(6n+1), \quad n=11,11$$

$$134=(6n+1)+(6n+1), \quad n=11,11$$

$$136=(6n-1)+(6n-1), \quad n=11,12$$

$$138=(6n-1)+(6n+1), \quad n=11,12$$

$$140=(6n+1)+(6n+1), \quad n=11,12$$

$$142=(6n-1)+(6n-1), \quad n=12,12$$

$$144=(6n-1)+(6n+1), \quad n=12,12$$

$$146=(6n+1)+(6n+1), \quad n=12,12$$

$$148=(6n-1)+(6n-1), \quad n=12,13$$

$$150=(6n-1)+(6n+1), \quad n=12,13$$

$$152=(6n+1)+(6n+1), \quad n=12,13$$

$$154=(6n-1)+(6n-1), \quad n=13,13$$

$$156=(6n-1)+(6n+1), \quad n=13,13$$

$$158=(6n+1)+(6n+1), \quad n=13,13$$

$$160=(6n-1)+(6n-1), \quad n=13,14$$

$$162=(6n-1)+(6n+1), \quad n=13,14$$

$$164=(6n+1)+(6n+1), \quad n=13,14$$

$$166=(6n-1)+(6n-1), \quad n=14,14$$

$$168=(6n-1)+(6n+1), \quad n=14,14$$

$$170=(6n+1)+(6n+1), \quad n=14,14$$

$$172=(6n-1)+(6n-1), \quad n=14,15$$

$$174=(6n-1)+(6n+1), \quad n=14,15$$

$$176=(6n+1)+(6n+1), \quad n=14,15$$

$$178=(6n-1)+(6n-1), \quad n=15,15$$

$$180=(6n-1)+(6n+1), \quad n=15,15$$

$$182=(6n+1)+(6n+1), \quad n=15,15$$

$$184=(6n-1)+(6n-1), \quad n=15,16$$

$$186=(6n-1)+(6n+1), \quad n=15,16$$

$$188=(6n+1)+(6n+1), \quad n=15,16$$

$$190=(6n-1)+(6n-1), \quad n=16,16$$

$$192=(6n-1)+(6n+1), \quad n=16,16$$

$$194=(6n+1)+(6n+1), \quad n=16,16$$

$$196=(6n-1)+(6n-1), \quad n=16,17$$

$$198=(6n-1)+(6n+1), \quad n=16,17$$

$$200=(6n+1)+(6n+1), \quad n=16,17$$

$$202=(6n-1)+(6n-1), \quad n=17,17$$

$$204=(6n-1)+(6n+1), \quad n=17,17$$

$$206=(6n+1)+(6n+1), \quad n=17,17$$

$$208=(6n-1)+(6n-1), \quad n=17,18$$

$$210=(6n-1)+(6n+1), \quad n=17,18$$

$$212=(6n+1)+(6n+1), \quad n=17,18$$

$$214=(6n-1)+(6n-1), \quad n=18,18$$

$$216=(6n-1)+(6n+1), \quad n=18,18$$

$$218=(6n+1)+(6n+1), \quad n=18,18$$

$$220=(6n-1)+(6n-1), \quad n=18,19$$

$$222=(6n-1)+(6n+1), \quad n=18,19$$

$$224=(6n+1)+(6n+1), \quad n=18,19$$

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prime numbers are $(6n-1)$ or $(6n+1)$. Except 2 and 3. (n is positive integer).

The following is a prime number.

2-----

3-----

5----- $6n-1$ (Twin prime)

7----- $6n+1$

11----- $6n-1$ (Twin prime)

13----- $6n+1$

17----- $6n-1$ (Twin prime)

19----- $6n+1$

23-----6n-1

29-----6n-1 (Twin prime)

31-----6n+1

37-----6n+1

41-----6n-1 (Twin prime)

43-----6n+1

47-----6n-1

53-----6n-1

59-----6n-1

61-----6n+1

67-----6n+1

71-----6n-1 (Twin prime)

73-----6n+1

79-----6n+1

83-----6n-1

89-----6n-1

97-----6n+1

101-----6n-1 (Twin prime)

103-----6n+1

107-----6n-1 (Twin prime)

109-----6n+1

113-----6n-1

127-----6n+1

131-----6n-1

137-----6n-1 (Twin prime)

139-----6n+1

149-----6n-1 (Twin prime)

151-----6n+1

157-----6n+1

163-----6n+1

167-----6n-1

173-----6n-1

179-----6n-1 (Twin prime)

181-----6n+1

191-----6n-1

193-----6n+1

197-----6n-1 (Twin prime)

199-----6n+1

211-----6n+1

223-----6n+1

227-----6n-1 (Twin prime)

229-----6n+1

233-----6n-1

239-----6n-1 (Twin prime)

241-----6n+1

251-----6n-1

257-----6n-1

263-----6n-1

269-----6n-1 (Twin prime)

271-----6n+1

277-----6n+1

281-----6n-1 (Twin prime)

283-----6n+1

293-----6n+1

307-----6n+1

311-----6n-1 (Twin prime)

313-----6n+1

317-----6n-1

331-----6n+1

337-----6n+1

347-----6n-1 (Twin prime)

349-----6n+1

353-----6n-1

359-----6n-1

367-----6n+1

373-----6n-1

379-----6n+1

383-----6n-1

389-----6n-1

397-----6n+1

401-----6n-1

409-----6n+1

419-----6n-1 (Twin prime)

421-----6n+1

431-----6n-1 (Twin prime)

433-----6n+1

439-----6n+1

443-----6n-1

449-----6n-1

457-----6n+1

461-----6n-1 (Twin prime)

463-----6n+1

467-----6n-1

479-----6n-1

487-----6n+1

491-----6n-1

499-----6n+1

503-----6n-1

509-----6n-1

521-----6n-1 (Twin prime)

523-----6n+1

541-----6n+1

547-----6n+1

557-----6n-1

563-----6n-1

569-----6n-1 (Twin prime)

571-----6n+1

577-----6n+1

587-----6n-1

593-----6n-1

599-----6n-1 (Twin prime)

601-----6n+1

607-----6n+1

613-----6n+1

617-----6n-1 (Twin prime)

619-----6n+1

631-----6n+1

641-----6n-1 (Twin prime)

643-----6n+1

647-----6n-1

653-----6n-1

659-----6n-1 (Twin prime)

661-----6n+1

673-----6n+1

677-----6n-1

683-----6n+1

691-----6n+1

701-----6n-1

709-----6n+1

719-----6n-1

727-----6n+1

733-----6n+1

739-----6n+1

743-----6n-1

751-----6n+1

757-----6n+1

761-----6n-1

769-----6n+1

773-----6n-1

787-----6n+1

797-----6n-1

809-----6n-1 (Twin prime)

811-----6n+1

821-----6n-1 (Twin prime)

823-----6n+1

827-----6n-1 (Twin prime)

829-----6n+1

839-----6n-1

853-----6n+1

857-----6n-1 (Twin prime)

859-----6n+1

863-----6n-1

877-----6n+1

881-----6n-1 (Twin prime)

883-----6n+1

887-----6n-1

907-----6n+1

911-----6n-1

919-----6n+1

929-----6n-1

937-----6n+1

941-----6n-1

947-----6n-1

953-----6n-1

967-----6n-1

971-----6n-1

977-----6n-1

983-----6n-1

991-----6n+1

997-----6n+1

1009-----6n-1

1013-----6n+1

1019-----6n+1 (Twin prime)

1021-----6n+1

1031-----6n-1 (Twin prime)

1033-----6n+1

1039-----6n+1

1049-----6n-1 (Twin prime)

1051-----6n-1

1061-----6n-1 (Twin prime)

1063-----6n+1

1069-----6n+1

1087-----6n+1

1091-----6n-1 (Twin prime)

1093-----6n+1

1097-----6n-1

1103-----6n-1

1109-----6n-1

1117-----6n+1

1123-----6n+1

1129-----6n+1

1151-----6n-1 (Twin prime)

1153-----6n+1

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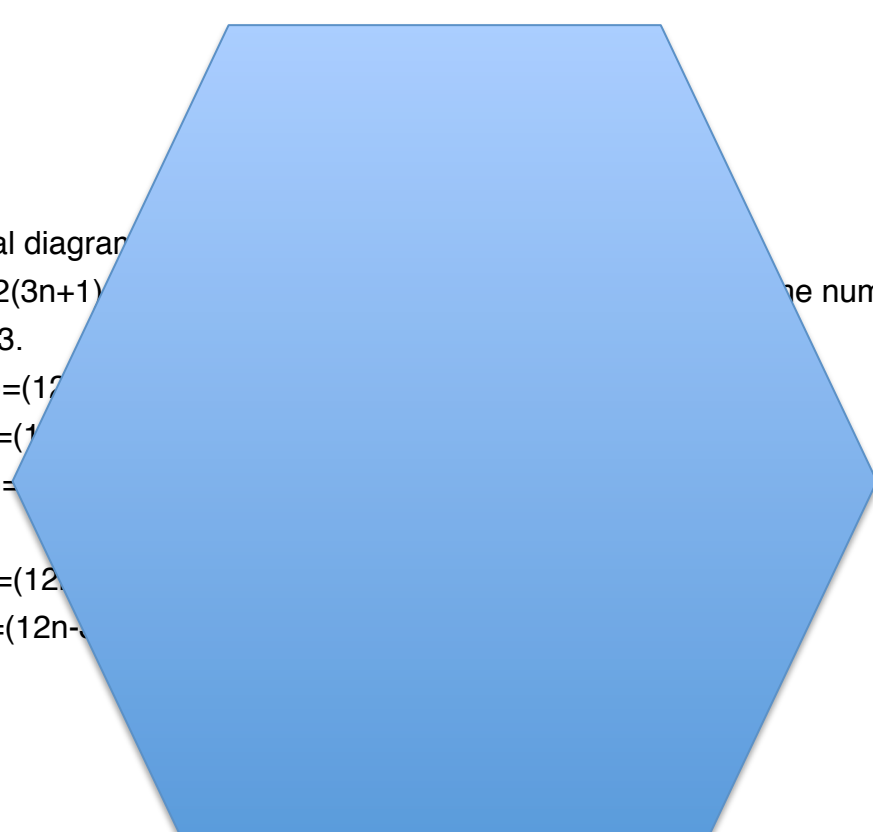
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$$(6n-1) \quad 5 \quad 00 \quad 0 \quad (6n)$$

$$\begin{array}{cccc}
 & & 4 & & & & 1 & 1 \\
 & & (6n-2) & & 1=(6n+1) & & (6n+ & (6n+1) \\
 =2(3n-1) & & -1... & & (6n+1) & & &
 \end{array}$$

$$\begin{array}{cc}
 3 & 2 \\
 (6n+3)=3(2n+1) & (6n+2)=2(3n+1) \\
 (6n-3)=3(2n-1) &
 \end{array}$$

In a hexagonal diagram
 And $(6n+2)=2(3n+1)$ the number
 except 2 and 3.
 $(6n+1)+(6n+2)=(12n+3)$
 $(6n+1)+(6n-2)=(12n-1)$
 $(6n+1)+(6n+2)=$
 and
 $(6n-1)+(6n+2)=(12n+1)$
 $(6n-1)+(6n-2)=(12n-3)$



$(6n-1)+(6n+2)=(12n+1)$ is't Even numbers.

and

$(6n+1)+(6n-3)=(12n-2)$ is Even numbers. But, $(6n-3)=3(2n-1)$. It is Multiples of 3, and not prime number. Except $n=1$ (It is equal to 3).

Of a hexagon.

0th angle $(6n) = 0, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60.....$

1st angle $(6n + 1) = 1, 7, 13, 19, 25, 31, 37, 43, 49, 55, 61 ...$

2nd angle $(6n + 2) = 2, 8, 14, 20, 26, 32, 38, 44, 50, 56, 62$

3rd angle $(6n + 3) = 3, 9, 15, 21, 27, 33, 39, 45, 51, 57, 63$

4th angle $(6n - 2) = 4, 10, 16, 22, 28, 34, 40, 46, 52, 58, 64$

5th angle $(6n - 1) = 5, 11, 17, 23, 29, 35, 41, 47, 53, 59, 65$

【Conclusion】

In this way, the number is running in hexadecimal notation, and the decimal method which is most used now is wrong in a strict sense.

Integer exists by rotating a hexagon, In the figure, $0(6n), 2(6n + 2), 4(6n-2)$ are Even numbers. and $1(6n + 1), 3(6n + 3), 5(6n - 1)$ are odd numbers.

【References】

non



I am a psychiatrist now and also a doctor of brain surgery before.

Office

〒854-0067

toshichan-man

47-8 kuyamadai, Isahaya City, Nagasaki Prefecture, Japan

mmm82889@yahoo.co.jp

I would like to receive an email. I will not answer the phone.

Currently 56 years old

Born on November 26, 1961

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