# ON GOLDBACH'S CONJECTURE

The german mathematician Christian Goldbach, in a letter dated 1742 to Leonhard Euler, announced a conjecture which affirm that any even number greater than or equal to 4 is the sum of two prime numbers.

I affirm that :

$\delta_4 = (3+1)$

$\delta = (\delta'+\delta') \Longleftrightarrow \delta' = \delta' < \delta$

$\delta = (\delta'+\delta') \Longleftrightarrow \delta' \neq \delta' \Longleftrightarrow \delta' < \delta'' < \delta$

$\delta = (\xi + \xi) \Longleftrightarrow \xi = \xi \wedge \xi < \delta$

$\delta = (\xi + \xi) \Longleftrightarrow \xi \neq \xi \Longrightarrow \xi < \delta \wedge \xi' < \delta$

$\delta = (\xi + \xi'') \Longleftrightarrow \xi \neq \xi \Longrightarrow \xi < \delta \wedge \xi'' < \delta$ knowing that $\xi'' \Longleftrightarrow \Upsilon$

$\delta = (\delta' + \xi') \Longleftrightarrow \xi' \neq \xi \Longrightarrow \delta' < \delta \wedge \xi < \delta$

$\delta = (\delta' + \xi'') \Longleftrightarrow \delta' \neq \xi'' \Longrightarrow \delta' < \delta \wedge \xi'' < \delta$

(or $\delta_4$ is an even number equal to 4)
(or $\delta$ is an even number greater than 4)
(or $\delta'$ is an even number greater than 2)
(or $\delta''$ is an another even number greater than 2)
(or $\xi$ is an odd multiple)
(or $\xi'$ is an another odd multiple)
(or $\xi''$ is an odd number which is not multiple)
(or $\Upsilon$ is a prime number)

Goldbach's conjecture is wrong