

# A Truly Marvelous Proof of Fermat Last Theorem(1)

Chun-Xuan Jiang  
P. O. Box 3924, Beijing 100854, P. R. China  
[123jiangchunxuan@gmail.com](mailto:123jiangchunxuan@gmail.com)

## Abstract

In 1637 Fermat wrote: “*It is impossible to separate a cube into two cubes, or a biquadrate into two biquadrates, or in general any power higher than the second into powers of like degree: I have discovered a truly marvelous proof, which this margin is too small to contain.*”

Theorem. A Truly Marvelous proof of Fermat last theorem. We have Fermat equation  $x^{4P} - y^{4P} = z^{4P}$ , where  $P$  is odd prime. We prove that if  $y$  and  $z$  are integer numbers then  $x, x^4$  and  $x^P$  are irrational numbers [1].

## References

- [1] Jiang, C-X, The simplest proof of Fermat last theorem(1)

<http://vixra.org/pdf/1305.0021v1.pdf>

