



**THE LAST THEOREM OF FERMAT FOR  $n = 3$**

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**Abstract**

In this paper on FLT, we solve the case  $n = 3$  in elementary way, extensible to  $n$  odd. The author works only through the sole factorization in factors and with the proceeding for absurd, that is, if  $x, y, z$  are prime among them, under the hypothesis that  $(x, y, z)$  are a solution, we obtain that the first and the second term of an equivalent relation are odd (the first) and even (the second).

**Keywords and phrases:** odd, even, factor.

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