

Re: FLT an incurable, unending addiction

Source: <http://sci.tech--archive.net/Archive/sci.math/2005-11/msg03261.html>

- *From:* "Pubkeybreaker" <Robert_silverman@xxxxxxxxxxxxx>
 - *Date:* 21 Nov 2005 13:30:55 -0800
-

Chip Eastham wrote:

> fermat wrote:

>> Hello to all those here with a bright mind and a friendly nature. Your

<snip>

> As you may know, the terminology "first case" in connection with

> Fermat's Last Theorem has historically a specific meaning, i.e. the

> exponent is relatively prime to each term. or if we reduce to cases

> of odd prime exponent p , that none of x,y,z is divisible by p , yet:

>

> $x^p + y^p = z^p$

>

> Sophie Germain proved (*) the "first case" of FLT when p and $2p+1$

> are both primes,

<snip>

Indeed. Len Adelman et.al. proved the first case true for infinitely many exponents via an extension of the S.G. criteria.

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• *References:*

- ◆ ***FLT an incurable, unending addiction***

◇ *From:* fermat

- ◆ ***Re: FLT an incurable, unending addiction***

◇ *From:* Chip Eastham

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