

# Re: prime theorems

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*Source:* <http://sci.tech-archive.net/Archive/sci.math/2006-09/msg00963.html>

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- *From:* "Ignacio Larrosa Cañestro" <ilarrosaQUITARMAYUSCULAS@xxxxxxxxxxx>
  - *Date:* Tue, 5 Sep 2006 20:10:03 +0200
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En el mensaje:1157445448.707912.212160@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx,  
arunloboforever@xxxxxxxxx <arunloboforever@xxxxxxxxx> escribió:

Well yeah.I had written it in a hurry. And thats false now. please  
check this: if a is an odd prime,  $1+a^2+a^4+a^6+...+a^{4k}$  has a prime  
factor greater than a. a is a prime of the form  $4j+1$ .

Your wording is really obscure ... The statement "a is a prime of the form  
 $4j+1$ ", ¿is the thesis or the hypothesis part of your claim?

If it is the hypothesis, consider  $k = 1$ ,  $a = 373$ :

$$1 + 373^2 + 373^4 = 3 \cdot 7^2 \cdot 13 \cdot 19 \cdot 67 \cdot 73 \cdot 109$$

If it is the thesis .... Consider  $k = 1$ ,  $a = 3$

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Best regards,

Ignacio Larrosa Cañestro  
A Coruña (España)  
ilarrosaQUITARMAYUSCULAS@xxxxxxxxxxx

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