

Prime lists and Computation

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-07/msg01189.html>

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 - *Date:* Sat, 09 Jul 2005 06:19:02 GMT
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Q1. Given a large integer $\{x\}$. If it is proved to be prime, what other information is generated?

1. Complete Prime list to $x^{(1/2)}$?
2. The modulo residues?

Q2 Is their a complete list of primes to X Published?
 $X \sim 10^{20}$? $X \sim 10^{30}$. $X = 10^{??}$

Q3 Storage: When does it become more efficient to store the prime list than to generate/calculate it.

Q4 What would be the expected time to factor a 1 MB file, if it was interpreted as a very integer.

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Carl Parkes
The world is flat it's pi that's round!
There is only one number.

Complete Prime list to x :: all primes $\leq x$ in order

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- *Follow-Ups:*
 - ◆ **Re: Prime lists and Computation**
◇ *From:* Dik T. Winter
 - ◆ **Re: Prime lists and Computation**
◇ *From:* Helmut Richter
 - Prev by Date: **Re: periodic points**
 - Next by Date: **Re: People are stupid**
 - Previous by thread: **Linear Algebra/ Group Theory**
 - Next by thread: **Re: Prime lists and Computation**
 - Index(es):

- ◆ Date
- ◆ Thread