

Re: Surrogate factoring ideas to ponder

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-03/7694.html>

From: Bruce Stephens (bruce+usenet_at_cenderis.demon.co.uk)

Date: 03/22/05

Date: Tue, 22 Mar 2005 15:10:28 +0000

John Smith <JSmith@mail.net> writes:

> *Lynn Kurtz wrote:*

>

>> *On Tue, 22 Mar 2005 00:11:18 GMT, John Smith <JSmith@mail.net> wrote:*

>>

>>> *Jumbie wrote:*

>>>

>>>> *Factor this:*

>>>>

>>>>8473865710237493723946198263649821976398469181345623

>>>>

>>>>

>>>>

>>>2360209087377863 * 23196547792409844187

>> *I don't think so, since the least significant digit of the product*

>> *is*

>> *wrong.*

>> --Lynn

>

> *The above (erroneous) result is the output of the factoring program*

> *(factor.c) included in the GiantInt big integer arithmetic package*

> *available as a free download from Perfectly Scientific,*

> *Inc. <http://www.perfsci.com/freegoods.htm>*

The factors are correct, I think. It's just not displaying the smaller ones (3², 83, 97, 163, 13104721699, according to PARI).