Department of Computer Sciences
Purdue University
West Lafayette, IN 47907
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Seven "Most Wanted" numbers from the wanted lists issued with Page 147 were factored on Page 148. NFS@Home factored 2,1123+, 2,1124+, 3,691−, 6,421−, 6,421+, 10,332+ and 11,317−, all by the Special Number Field Sieve.

Eight "More Wanted" numbers from the wanted lists issued with Page 147 were factored on Page 148. NFS@Home factored 3,692+, 3,701+, 5,472+, 5,478+, 5,479+, 7,389−, 7,388+ and 12,307+, all by the Special Number Field Sieve.

No "Smaller-but-Needed" numbers from the wanted lists issued with Page 147 were factored on Page 148.

New wanted lists are enclosed.

NFS@Home is a group led by Greg Childers.

There were no new champions for factoring Cunningham numbers on this page. Recall that a champion is one of the best two records in its class. A list of recent champions is enclosed.

No second, third, fourth or fifth hole was factored on Page 148. The first holes factored on Page 148 are in # 6844, # 6846, # 6847, # 6849, # 6852, # 6853, # 6854, # 6855, # 6856, # 6857, # 6858, # 6860, # 6862, # 6863, # 6864, # 6868, # 6869, # 6870 and # 6871.

The smallest new factor reported on Page 148 has 64 digits. See # 6848. The largest number factored on Page 148 has 376 digits. See # 6850.

See the URL `http://www.prothsearch.com/fermat.html` for a list of all known Fermat factors.

No new Mersenne prime was found since the last page. The current largest known prime is $2^{136279841} - 1$. See the URL `http://t5k.org/primes/` for the database of the largest known primes.

See the URL `http://homes.cerias.purdue.edu/~ssw/cun/index.html` for the online Cunningham book.

Please send me any address changes.

Keep the factors coming!

Sam Wagstaff