Scan A5179

R G Wilson, U

Letter Dec 17 1991

1 page

1 seq

✓ §94

A5179

Robert G. Wilson

200 MARKET CENTRE • 155 N. MARKET
WICHITA, KANSAS 67202-1816

WILSON ESTATES
316-265-7957

17 December 1991

Neil James Alexander Sloane
% Mathematics Research Center
Bell Telephone Laboratories, Inc.
Murry Hill, N J 07974
201+ 582- 3000 ext. 2005

Subject: A Hdbk of Integer Sequences

Dear Dr. Sloane,

Please notice the following sequence for your second edition: 1, 2, 4, 6, 16, 12, 64, 24, 36, 48, 1024, 60, 4096, 192, 144, 120, 65536, 180, 262144, 240, 576, 3072, 4194304, 360, 1296, 12288, 900, 960, 268435456, 720, 1073741824, 840, 9216, 196608, 5184, 1260, 68719476736, 786432, 36864, 1680, 10995116277776, 2880, 4398046511104, 15360, 3600, 20971520, 7036874417766 4, 2520, 46656, 6480, 589824, 61440, 45035996273704 96, 6300, 82944, 6720, 2359296, 805306368, 2^{58}, 5040, ...

This sequence is infinite, non repeating and is of a fundamental arithemetic function. The above sequence is the first number which has "n" divisors. Possible references are CRC Std Math. Hdbk., AS1 & BE3. Included as a subset of this sequence is Seq. Nbr. 385. This is analogous to Seq. Nbr. 1075 being a subset of Seq. Nbr. 241.

Sequencially yours,

Robert G. Wilson
Ph.D. ATP/CF&GI