

Algebra
Applied Mathematics
Calculus and Analysis
Discrete Mathematics
Foundations of Mathematics
Geometry
History and Terminology
Number Theory
Probability and Statistics
Recreational Mathematics
Topology
Alphabetical Index
Interactive Entries
Random Entry
New in MathWorld
MathWorld Classroom
About MathWorld
Contribute to MathWorld
Send a Message to the Team
MathWorld Book

Wolfram Web Resources »

13,540 entries
Last updated: Thu Oct 16 2014

Created, developed, and
nurtured by Eric Weisstein
at Wolfram Research

Number Theory > Special Numbers > Miscellaneous Special Numbers >

Alcuin's Sequence

DOWNLOAD
Mathematica Notebook

The integer sequence 1, 0, 1, 1, 2, 1, 3, 2, 4, 3, 5, 4, 7, 5, 8, 7, 10, 8, 12, 10, 14, 12, 16, 14, 19, 16, 21, 19, ... (OEIS A005044) given by the coefficients of the Maclaurin series for

$$\frac{1}{(1-x^2)(1-x^3)(1-x^4)} = 1 + x^2 + x^3 + 2x^4 + x^5 + \dots$$

