



Greetings from [The On-Line Encyclopedia of Integer Sequences!](#)

[Hints](#)

Search: **id:A073007|id:A072559|id:A072558**

Displaying 1-3 of 3 results found.

page 1

Format: long | [short](#) | [internal](#) | [text](#) Sort: [relevance](#) | [references](#) | [number](#) Highlight: on | [off](#)

[A072558](#)

Decimal expansion of One-ninth constant.

+0
5

1, 0, 7, 6, 5, 3, 9, 1, 9, 2, 2, 6, 4, 8, 4, 5, 7, 6, 6, 1, 5, 3, 2, 3, 4, 4, 5, 0, 9, 0, 9, 4, 7, 1, 9, 0, 5, 8, 7, 9, 7, 6, 5, 6, 3, 2, 9, 0, 1, 1, 5, 0, 8, 6, 6, 9, 8, 5, 6, 8, 1, 4, 6, 9, 8, 1, 9, 2, 4, 3, 4, 1, 4, 6, 2, 6, 4, 2, 6, 4, 3, 4, 1, 2, 7, 7, 6, 1, 9, 9, 0, 4, 0, 9, 1, 5, 8, 7, 3, 1, 9, 2, 9, 6, 7 ([list](#); [cons](#); [graph](#); [listen](#))

OFFSET 0,3

COMMENT The generating function of [A113184](#) equals $1/8$ at $q = \text{Lambda} = 0.1076539192\dots$ where $K(k)=2E(k)$. - Michael Somos Jul 21 2006

REFERENCES S. R. Finch, *Mathematical Constants*, Cambridge, 2003, pp. 259-262.
Alphonse P. Magnus, Jean Meinguet, *The elliptic functions and integrals of the '1/9' problem*, presented at Antwerpen international conference on rational approximation, 1999, ICRA99, *Numerical Algorithms* 24: (1-2) (2000) 117-139.

LINKS S. R. Finch, [The One-Ninth Constant](#)
Alphonse P. Magnus, Jean Meinguet, [The elliptic functions and integrals of the '1/9' problem](#)
Simon Plouffe, [The One-ninth constant](#)
Eric Weisstein's World of Mathematics, [One-Ninth Constant](#)

EXAMPLE 0.1076539192264845766153234450909471905879...

CROSSREFS Cf. [A073007](#), [A072559](#).

Sequence in context: [A094961](#) [A069814](#) [A101464](#) this_sequence [A022963](#) [A023449](#) [A031098](#)
Adjacent sequences: [A072555](#) [A072556](#) [A072557](#) this_sequence [A072559](#) [A072560](#) [A072561](#)

KEYWORD [cons](#),nonn

AUTHOR Robert G. Wilson v (rgwv(AT)rgwv.com), Aug 03 2002

[A073007](#)

Decimal expansion of Varga constant.

+0
3

9, 2, 8, 9, 0, 2, 5, 4, 9, 1, 9, 2, 0, 8, 1, 8, 9, 1, 8, 7, 5, 5, 4, 4, 9, 4, 3, 5, 9, 5, 1, 7, 4, 5, 0, 6, 1, 0, 3, 1, 6, 9, 4, 8, 6, 7, 7, 5, 0, 1, 2, 4, 4, 0, 8, 2, 3, 9, 7, 0, 0, 6, 1, 4, 2, 1, 7, 2, 9, 3, 7, 5, 2, 4, 7, 2, 8, 6, 5, 0, 7, 0, 7, 0, 5, 2, 4, 1, 5, 8, 7, 0, 6, 1, 4, 2, 4, 7, 1, 4, 4 ([list](#); [cons](#); [graph](#); [listen](#))

OFFSET 1,1

COMMENT Equals reciprocal of One-ninth constant [A072558](#).

LINKS Alphonse P. Magnus and Jean Meinguet, [The elliptic functions and integrals of the '1/9' problem](#)
Simon Plouffe, [One-ninth constant](#)
Eric Weisstein's World of Mathematics, [One-Ninth Constant](#)

EXAMPLE 9.2890254919208189187544943595174506...

CROSSREFS Sequence in context: [A125580](#) [A086238](#) [A144664](#) this_sequence [A157215](#) [A021919](#) [A078127](#)
Adjacent sequences: [A073004](#) [A073005](#) [A073006](#) this_sequence [A073008](#) [A073009](#) [A073010](#)

KEYWORD [cons](#),nonn

AUTHOR Robert G. Wilson v (rgwv(AT)rgwv.com), Aug 03 2002

[A072559](#)

Continued fraction expansion of the One-ninth constant ([A072558](#)).

+0
2

0, 9, 3, 2, 5, 1, 2, 1, 3, 2, 1, 3, 1, 1, 1, 1, 11, 1, 1, 3, 1, 1, 8, 2, 3330, 1, 1, 5, 3, 7, 23, 1, 3, 3, 1, 1, 1, 1, 4, 1, 5, 14, 4, 2, 2, 2, 1, 2, 1, 2, 2, 1, 1, 1, 1, 4, 4, 1, 2, 1, 1, 1, 76, 3, 1, 16, 2, 2, 1, 7, 1, 11, 1, 1, 1, 1, 1, 21, 1, 109, 2, 4, 1, 3, 6, 5, 7, 5, 5, 4, 1, 4, 2, 1, 6, 2, 1 ([list](#); [graph](#); [listen](#))

OFFSET 1,2

COMMENT Essentially same as the continued fraction for the Varga constant ([A073007](#)).

CROSSREFS Sequence in context: [A048799](#) [A086232](#) [A133867](#) this_sequence [A019941](#) [A105171](#) [A010538](#)
Adjacent sequences: [A072556](#) [A072557](#) [A072558](#) this_sequence [A072560](#) [A072561](#) [A072562](#)

KEYWORD [cofr](#),nonn

AUTHOR Robert G. Wilson v (rgwv(AT)rgwv.com), Aug 05 2002

page 1

Search completed in 0.553 seconds

[Lookup](#) | [Welcome](#) | [Find friends](#) | [Music](#) | [Plot 2](#) | [Demos](#) | [Index](#) | [Browse](#) | [More](#) | [WebCam](#)