
Subject: Re: Divide By Zero error

Posted by [Stein Vidar Hagfors H\[1\]](#) on Mon, 12 Nov 2001 16:52:00 GMT

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Nigel Wade <nmw@ion.le.ac.uk> writes:

> Paul Manusiu wrote:

>

>> What is the log of zero ??

>>

>> Logan Lindquist wrote:

>>

>> What is this NaN

>>> business and why am I getting Infinity?

>

> Also, what is the log of a negative number?

>

> --

> -----

> Nigel Wade, System Administrator, Space Plasma Physics Group

Hey, someone else in the Space Plasma Physics dept might tell you
that $\text{alog}(-1)$ should return $\text{complex}(0, \pm i\pi)$!

$$e^{(-i\pi)} + 1 = 0$$

And therein lies a lot!

--

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