
Subject: Re: SIGN function: signof(num or array of num)
Posted by [Carsten Lechte](#) on Tue, 16 Mar 2010 13:57:36 GMT
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FitzLDY Lajos wrote:

> I think SIGNOF() should not cause an arithmetic error for finite numbers.

I use the expression

$(x > 0) - 1 * (x < 0)$

to get the sign of e.g.

$x = [-2e4, 5, 0, 1d/0, -1d/0, 0d/0]$

but it uses 2 comparisons and even a multiplication. Does anyone have a simpler/faster version? Furthermore, what should the sign of NaN be?

chl
