
Subject: Re: SIGN function: signof(num or array of num)
Posted by [Foldy Lajos](#) on Tue, 16 Mar 2010 13:31:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Tue, 16 Mar 2010, Ding wrote:

> Dear IDL users,
>
> I cannot find the SIGN function in IDL procedures, but one in
> Solarsoft ssw/maths/ SIGN which occupy the name, but different
> purpose(sign(a)*b). so I wrote the SIGNOF() function which is to get
> the sign of a number or array,
>
> Hopefully I am not repeating someone' work! you are welcome to
> comments!
>

> return, fix(abs(input)/input)

IDL> input=0 & help, fix(abs(input)/input)
<Expression> INT = 0
% Program caused arithmetic error: Integer divide by 0

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

regards,
lajos
