
Subject: Re: SIGN function: signof(num or array of num)
Posted by [Carsten Lechte](#) on Tue, 16 Mar 2010 15:46:34 GMT
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Ding wrote:

```
> IDL> a=[[1,0],[-1,0]]
> IDL> print,signof(a)
>    1  0
>   -1  0
```

Still, you should mention under RESTRICTIONS that the input must be an integer type:

```
IDL> a=[[1,0],[-1,0]]
IDL> print, signof(a)
    1    0
   -1    0
% Program caused arithmetic error: Integer divide by 0
IDL> print, signof(double(a))
    1 -32768
   -1 -32768
% Program caused arithmetic error: Floating illegal operand
IDL> print, signof(complex(a))
    1 -32768
   -1 -32768
% Program caused arithmetic error: Floating illegal operand
```

chl
