
Subject: transforming an array where some values can't

Posted by [bowler](#) on Thu, 05 Feb 1998 08:00:00 GMT

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I'm trying to write a function that will transform an arbitrary array by taking the natural log of every element in the array.

What I have is

```
function xform, input
temp = alog(input) ; I realize I could combine these 2 statements
return, temp      ; but it makes debugging easier
end
```

Unfortunately, I can't guarantee that there won't be some elements that are zero and thus invalid arguments to alog. what's the "most efficient" way to take the alog of any element that's greater than 0 and set the value of any that are less than or equal to 0 to some small value (1e-7 for example)?

TIA,
Bruce
