
Subject: Re: Multiply matrix

Posted by [L. Testut](#) on Sun, 18 Feb 2007 15:12:05 GMT

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On 16 fév, 21:36, "hradilv" <hrad...@yahoo.com> wrote:

> On Feb 16, 2:24 pm, "Bob Crawford" <Snowma...@gmail.com> wrote:> > filter =
[[filter*0],[filter*0],[filter]]

>>> hnew = h*filter

>

>> That would zero out all the lat & lon values wouldn't it?

>

>> filter = [[filter/filter],[filter/filter],[filter]]

>

>> should retain the lat & lon values.

>

> Of course, I was trying to do two things at once...

Sorry it doesn't work in my case I want to avoid this loop:

FOR l=0,nz-1 DO

 z[indgen(nx),indgen(ny),l]=Z[indgen(nx),indgen(ny),l]*filter

I have a H[nx,ny,nz] where nz is the time. So i have nz field in time
that i want to multiply by a filter of size nz.

Is it possible to avoid this loop ?

Thanks

Laurent
