
Subject: Re: matrix multiplication

Posted by [Vince Hradil](#) on Wed, 29 Oct 2008 02:17:01 GMT

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On Oct 28, 1:42 pm, David Fanning <n...@dfanning.com> wrote:

> russ writes:

>> Probably a stupid question but I haven't used idl for a while

>

>> Is there a quicker way of doing this?

>

>> a=fltarr(1000,20)

>> b=fltarr(20)

>

>> for i=0,999 do begin

>> a(i,*)=a(i,*)*b

>> endfor

>

> It might be faster to realize the end result is going

> to be an array of zeros than it would be to actually

> write the code. :-)

>

> But, I think you want this:

>

> a = a * rebin(reform(b, 1, 20) ,1000, 20)

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Cool - I would have definitely thrown in a TRANSPOSE...

i.e. a = a * transpose(rebin(b,20,1000)), but your way has to be faster - I'm not in front of my IDL machine so I can't check it.

Vince

P.S. what is it with me and speed these days?
