
Subject: Re: Fast shear

Posted by [the_cacc](#) on Wed, 06 Feb 2002 12:41:36 GMT

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Wayne Landsman <landsman@mpb.gsfc.nasa.gov> wrote in message news:<3C60199D.E4810C70@mpb.gsfc.nasa.gov>...

>
> "Avoid the use of an asterisk on the left-hand side of an assignment."
>
> which in this case means to rewrite the assignment as
>
> for i = 0, n-1 DO array[0,i] = SHIFT(array[*],delta[i])
>
> For a fltarr(2048,2048) on my Solaris machine running V5.5, I find a
> factor of 15 improvement in speed.
>

WOW! Wayne, that's magic. I get 10-15X speed-up. The world *has* to be told about this. One drawback - the code does not strictly make sense, hell who cares !?

Cheers.
