Subject: Re: avoiding for loop when calculating median
Posted by Alex Schuster on Fri, 30 Jan 1998 08:00:00 GMT
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Oops! I wrote:

> I assume that mat is an idim x jdim array. mat(cnt,*) gives the elements
> no. cnt, cnth+idim, cnth+2*idim etc., I guess it's easier to use
> mat2=reform(mat), so all the elements are in line.

Don't know why I wrote REFORM here, it's TRANSPOSE.
I just tested this with an 5000x5000 float array, there is a HUGE
difference in the execution time.

> Another idea:
>
> index = lindgen(jdim)
> for cnt = 0, idim-1 do begin
> calcmedian(cnt) = median(mat2(cnt*jdim+index))
> end

Forget this. I thought this were a good idea, but it actually slows down
the calculation.

Alex
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