Subject: Fast Implementation
Posted by Isa Usman on Fri, 05 Jul 2002 15:56:43 GMT
View Forum Message <> Reply to Message

Hi,

I have the bit of code below which calculates the number of points in all four quandrants of a 2d space. Unfortunately my arrays are very large and it takes quite a while to run.Is there a way of making the code faster.

Thanks in advance!

Isa

```
@@@@@@@@@@@@
;Data samples
for j=0L,n1-1 do begin
 x0=X(j)
 y0=Y(j)

 index=where(X gt x0 and Y gt y0,count1)
 index=where(X lt x0 and Y gt y0,count2)
 index=where(X lt x0 and Y lt y0,count3)
 index=where(X gt x0 and Y lt y0,count4)

 na=count1
 nb=count2
 nc=count3
 nd=count4


 points(j,0:3)=float([na,nb,nc,nd])/n2

endfor
```

--
****

Today's subliminal thought is:

****