
Subject: Re: How to represent the spatial distribution of a parameter
Posted by duxiyu@gmail.com on Wed, 10 Dec 2008 17:37:26 GMT
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Excuse me!

I do not understand your routine.

Could you show me an example? or give me some detailed explanations?

Du

On Dec 10, 9:05 pm, "Jean H." <jghas...@DELTHIS.ucalgary.ANDTHIS.ca>
wrote:

```
> Hi,  
>  
> I did something similar a while ago... here is part of it:  
>  
> newX = Xdata / CellSizeX ;Agregate the data  
> newY = Ydata / CellSizeY  
>  
> nbCol = ceil((maxX+1.0) / cellSizeX)  
> nbRow = ceil((maxY+1.0) / cellSizeY)  
> nPoint = n_elements(newX)  
>  
> image = lonarr(nbCol, nbRow)  
> nbPointsXY = lonarr(nbCol, nbRow)  
>  
> for i = 0L, nPoint-1 do begin  
>   image[newX[i], newY[i]] += v[i]  
>   nbPointsXY[newX[i], newY[i]] += 1  
> endfor  
>  
> image /= nbPointsXY ;do the average  
>  
> tvscl, image  
>  
> Jean
```
