
Subject: Re: how to plot the data of a 2D array with Z values as color

Posted by [Gray](#) on Thu, 18 Mar 2010 20:03:58 GMT

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On Mar 18, 12:33 pm, clément mayet <cma...@gmail.com> wrote:

> Hi all,

>

> I would like to plot a map from a twoD array. My array contains Z
> values and the X,Y index corresponds to latitude/longitude. I use the
> CONTOUR procedure like this:

>

> MAP_SET,/MERCATOR, /GRID, /NOERASE, /ISOTROPIC, LIMIT=limit
> CONTOUR, Z, lon, lat

>

> My question is : is there a simplest way to do that (I mean directly
> associate a color to the Zvalue, without calculating the contours,
> which can be quite long for large arrays)

>

> Thanks for your help

I'd check this out: http://www.dfanning.com/graphics_tips/coloredline.html
