

---

Subject: Re: Using TV command instead of contour  
Posted by [pgrigis](#) on Tue, 12 Jul 2011 19:01:29 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Jul 12, 6:18 am, Amit <amisra.a...@gmail.com> wrote:

> Dear Friends,  
>  
> I have a data in form of flags, for example, dust=1,smoke=2 and so on.  
> There cannot be numbers in between.  
>  
> The data is in the form of 2-dimensional array, with each cell  
> corresponding to a latitude, longitude pair. I want to display it --  
> the output would look something like a chess board. If I use the  
> CONTOUR command, it interpolates at the boundaries, producing  
> incorrect plots.  
> This problem is solved if I use TVIMAGE program. However, I cannot  
> pass the latitude,longitude data to the command (like CONTOUR). Can  
> anyone suggest me how to use TVIMAGE or TV in a way similar to  
> CONTOUR?

The program pg\_plotimage can be called similarly to contour:

[http://hea-www.cfa.harvard.edu/~pgrigis/idl\\_stuff/pg\\_plotimage.pro](http://hea-www.cfa.harvard.edu/~pgrigis/idl_stuff/pg_plotimage.pro)

pg\_plotimage,image,x,y

where image is a n by m array, x an n array and y an m array.

Ciao,  
Paolo

>  
> Thanks for your help  
> Amit

---