
Subject: Re: plot colored ellipses

Posted by [d.poreh](#) on Fri, 30 Mar 2012 13:33:24 GMT

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On Friday, March 30, 2012 4:42:09 AM UTC-8, alx wrote:

> On 30 mar, 08:01, bing999 <thibaultga...@gmail.com> wrote:

>> Hi,

>>

>> thanks for your reply.

>>

>> i have been able to make simple ellipse plots with the tvellipse

>> routine, as Wayne suggested. However, it is hard to make nice images

>> with this tool... Before giving a real try at function graphics, do

>> you think that it will really allow to make good pictures with color

>> gradients ? I am asking that since I never used this tool so far and

>> it looks much more complex than standard plot routines... :)

>> Would you have examples of beautiful images computed with the function

>> graphics?

>> Cheers

>> Dreamer

>>

>>

>

> Here is Wayne's example written by using function graphics :

>

> pl = plot([0,100], [0,100], /NODATA)

> x = [10,40,80]

> y = [20,70,60]

> orient = [80,140,0]

> for i=0,2 do begin

> !null = ellipse(x[i], y[i], MAJOR=12, MINOR=6, THETA=orient[i], /

> DATA, FILL_COLOR=!COLOR.FIREBRICK)

> !null = ellipse(x[i], y[i], MAJOR=8, MINOR=4, THETA=orient[i], /

> DATA, FILL_COLOR=!COLOR.SALMON)

> endfor

>

> then, while adding another ellipse with "manual" color blending :

>

> pl.Refresh, /DISABLE

> !null = ellipse(60, 20, MAJOR=20, MINOR=10, /DATA, FILL_COLOR=!

> COLOR.FIREBRICK)

> for i=0,19 do !null = ellipse(60, 20, MAJOR=20*i*0.05,

> MINOR=10*i*0.05, LINESTYLE=6, \$

> /DATA, FILL_COLOR=!COLOR.SALMON, FILL_TRANSPARENCY=6*i < 100)

> pl.Refresh

>

> alx.

I like that.
