
Subject: Re: tv with axes routine (colorbar wishlist)
Posted by [Brian Larsen](#) on Sat, 02 Dec 2006 23:49:55 GMT
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I am finding myself working on imagesc and wishing that colorbar would plot log color scales....

Is there a clever way to do this I don't know or is this a feature that is not implemented?

-Brian

Subject: Re: tv with axes routine (colorbar wishlist)
Posted by [David Fanning](#) on Sun, 03 Dec 2006 01:28:52 GMT
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Brian Larsen writes:

- > I am finding myself working on imagesc and wishing that colorbar would
- > plot log color scales....
- >
- > Is there a clever way to do this I don't know or is this a feature that
- > is not implemented?

It's not particularly clever. It is pretty much a PLOT command, with maybe some special labeling for the log axis

http://www.dfanning.com/graphics_tips/minorlog.html

But the current color bar relies on someone else to set the colors correctly. I have little faith in the masses to do this correctly using a log scale:

http://www.dfanning.com/color_tips/logcolor.html

Would your proposed wish list include having the color bar load the colors itself? Where then? Would you want to specify the gamma of the log scale lookup yourself? Or do you wish to specify the particular log function to use?

I think the main reason I haven't written a log colorbar is that I'm not sure I have time to answer all the questions it will possibly engender. It seems rather particular to a specific problem to me.

Does anyone have an example of this?

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
