Subject: Re: field plot

Posted by David Fanning on Mon, 05 Mar 2007 18:41:27 GMT

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mgalloy@gmail.com writes:

- > On Mar 4, 3:41 pm, "kostis" <kostis...@gmail.com> wrote:
- >> How do I plot a 3d vector field, and preferably in cylindrical
- >> coordinates??

>

> "Very carefully" comes to mind.

>

- >> Is there a command similar to PLOT_FIELD for 2d?
- >> Does anyone have a clue??

>

- > I have used PARTICLETRACE and STREAMLINES a bit, though I haven't been
- > entirely happy with the result.

I would agree with Mike. I don't think the definitive 3D vector application has been written yet. Just a quick Google search on the topic quickly convinces me it is not a trivial problem, and the fact the all vector fields in iVector are 2D is even spookier.

On the other hand, this may be your opportunity to make a mark in the IDL programming world! :-)

Cheers,

David

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

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