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Subject: Re: How to plot the magnetic field vector along the trajectory

Posted by [David Fanning](#) on Wed, 12 Mar 2008 13:26:41 GMT

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Lasse Clausen writes:

> I found the question perfectly straight forward already from the first  
> post. Maybe it's to do with the fact that I fiddle with spacecraft  
> trajectories and magnetic fields every day. Or maybe I'm just in a  
> better mood than David...

No question I was in a bad mood after wasting most of the afternoon looking for vestiges of earlier IDL installations on my computer, but it seems to me that how you go about adding magnetic vectors depends \*entirely\* on how you go about plotting the trajectory.

In the proposed solution, I see we are just throwing out the Z component of both the trajectory and the vector field. Certainly this is the easiest way to proceed. I just wonder if it is accurate though. :-)

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.")

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