Subject: Re: How to plot the magnetic field vector along the trajectory Posted by lasse on Wed, 12 Mar 2008 15:09:41 GMT

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On 12 Mar, 15:45, David Fanning <n...@dfanning.com> wrote:

- > Lasse Clausen writes:
- >> We are not throwing away anything, we are merely projecting into the
- >> XY plane... ;-) You have to project somewhere as the computer screen
- >> is not capable of displaying 3D nor is paper, incidentally. And the
- >> usual way to do this kind of thing is to provide three plots, one in
- >> the XY plane, one in XZ and one in YZ. You then have to assemble the
- >> 3D picture in your head.

>

- > Or, you could envision an object graphics solution with
- > an "earth" and "satellite" revolving around it, casting
- > a shadow trajectory onto the earth with a magnetic vector
- rotating about in the plane of the satellite.

>

- > All I'm saying is, the question lacked enough detail,
- > for whatever good reason, to know how to form a sensible
- > answer. And that when you ask better questions, you get--
- generally--better answers.

>

- > I agree that this question was borderline for such a
- > response. Even I could tell English was not the first
- > language. But coming, as it did, at the end of a long
- > day and after several seriously bad questions from the
- past week, I just thought a reminder might be useful. :-)

>

> Cheers,

> David

- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Covote's Guide to IDL Programming:http://www.dfanning.com/
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

As I said earlier, the question did not lack detail for me because I have seen lots of these kind of plots before, so I was pretty sure what was asked for. But I can also see that it would be confusing if I hadn't seen these plots before.

More importantly, IDL can do that sort of thing? With shadows and all? Object graphics I hear you say... Mmmm, so far I have ignored everything involving object graphics. Well, maybe one fine day.

## Cheers

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