Subject: Re: plotting a vector field in 3d
Posted by Krishnapriya M on Mon, 05 May 2014 04:46:58 GMT

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On Friday, June 21, 2013 9:31:29 PM UTC+5:30, Mike Galloy wrote:
> On 6/21/13 4:14 am, Petros Syntelis wrote:
>
>> Hi,
>
>>
>
>> I am trying to plot a vector field in 3d and i have great difficulty
>
>> in doing so. I have 3 variable, bx,by,bz that have (nx,ny,nz)
>
>> dimentions which represent the vector field.
>
>>
>
>> My questions are: 1) How can i plot this vector field. I have tryied
>
>> a variety of things (flow3 etc) i found online but all advices seems
>
>> to lack some part of information and i fail to reproduce the
>
>> results. I also whould like a hint on how i could overplot those
>
>> lines above an xy image on the bottom of the plot.
>
>>
>
>> 2) Is there a way to trace the field lines and have, lets say 3
>
>> variables of dimentions (nlines,nx),(nlines,ny),(nlines,nz)?
>
>>
>
>> 3) Because i am pretty sure that no answer whould be sufficient
>
>> explanatory, as you can't explain everything in a group discussion,
>
>> which book/references whould you recommend me to read?
>
>>
>
>> Thank you very much, Petros
>
>>

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>
>
> Check out this post:
>
>
>
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>
> http://michaelgalloy.com/2008/03/19/overview-of-flow-visuali zation-in-idl.html
>
>
>
> Mike
>
> --
>
> Michael Galloy
>
> www.michaelgalloy.com
>
> Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
>
> Research Mathematician
>
> Tech-X Corporation

Hi,
    I'm trying to plot a 2D vector plot(lon v/s Depth) using IDL...... but I don't know the exact syntax... please help me to resolve this......

Krishnapriya M
NIO, Goa