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Subject: Re: Is there a simple way to plot field lines?

Posted by [so](#) on Wed, 28 May 2003 13:22:00 GMT

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"Mark Hadfield" <m.hadfield@niwa.co.nz> wrote in message  
news:<bb12df\$qan\$1@newsreader.mailgate.org>...

> "Steve" <so@cp.dias.ie> wrote in message

> news:178496d6.0305271647.468088fa@posting.google.com...

>> I would like to plot field lines but there doesn't seem to be an

>> intrinsic function which can do it. This seems hard to believe, am I

>> mistaken?

>

> What do you mean by "plot field lines". If you have (x,y) coordinates

> defining your lines, then PLOT them. Or do you want to plot isolines for a

> scalar field? Or lines in 3D space? Or cows walking along lines in fields?

Ouch. Well I guess I should have been more explicit to. I mean field  
lines which are everywhere tangent to a vector field (2d is fine  
thanks), also known as streamlines for velocity fields. I don't want  
arrows anywhere. Or cows.

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