Subject: Re: plot of implicit function
Posted by Wout De Nolf on Fri, 19 Nov 2010 10:08:41 GMT
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On Fri, 19 Nov 2010 01:24:28 -0800 (PST), Andrea
<negri.andre@gmail.com> wrote:

> Hello, I have an analitical 3D streamfunction, and I want to plot it.
> I looked here http://www.dfanning.com/tips/particle_3d.html and it's
> exactly what I want,

Isn't a streamfunction like a vectorfield? Shouldn't you be using
something like this (but then in 3D):
http://michaelgalloy.com/2008/03/19/overview-of-flow-visuali zation-in-idl.html

> but I have an a implicit definition of
> coordinates:
> f(R,phi,z)=t
> g(R,phi,z)=t
> h(R,phi,z)=t

I don't understand. So you have coordinates (R,phi,z) which can be
easily transformed to (x,y,z). f,g and h aren't defining the
vectorfield are they? So what are they and how is your vectorfield
based upon them? Maybe I'm missing something obvious here...