Subject: Re: plot of implicit function
Posted by Wout De Nolf on Fri, 19 Nov 2010 10:56:35 GMT
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On Fri, 19 Nov 2010 02:34:04 -0800 (PST), Andrea
<negri.andre@gmail.com> wrote:

>>> f(R,phi,z)=t
>>> g(R,phi,z)=t
>>> h(R,phi,z)=t

Ah, I see. So for each t you need to solve a non-linear system of equations (3 eq., 3 var.) in order to get the position (R,phi,z) of the particle (or whatever) at time t.

You could use NEWTON or BROYDEN to find (R,phi,z) for each t. Off course your "Vecfunc" changes every time (for each t), so you have to use a global variable t.

Can't think of anything else...