Subject: Re: 3D density plot?
Posted by Bernard K. on Mon, 13 May 2002 18:20:44 GMT
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Dear David,
this is not what I have in mind. I browsed the web and found an example:
http://www-fpc.stanford.edu/~bewley/movies/intro_25.25.html
Note that I don't require the movie function (yet :-)). Each gray
structure represents a region where the scalar quantity is bigger than
a given level.

I nevertheless downloaded FSC_Surface and the reuired dependencies
and it works great. I do surface plots so it will be very handy for me.

Thanks,
Bernard.

In article <MPG.17499b19c5f635a59898cc@news.frii.com>, David Fanning
<david@dfanning.com> wrote:

> Bernard K. (bknaepen@'skip_this'mac.'and_this'com) writes:
>
>> I have a 3D scalar field, say r(x,y,z), and I would like to produce a 3D
>> plot which represents the locations (x,y,z) where r is greater than
>> a given value.
>
> I had a similar requirement not too long ago. I hacked up
> my FSC_Surface program (this seems to be the starting point
> for a LOT of my subsequent programs!) to produce a sort of
> 3D pin plot, where the color and length of the pin represented
> the distance of a galaxy. It could be rotated in 3D space, etc.,
> and was quite useful for visualizing this data.
>
> You can find a picture of the result here:
>
> http://www.dfanning.com/misc/pin_3d.jpg
>
> The FSC_Surface program is here:
>
> http://www.dfanning.com/programs/fsc_surface.pro
>
> Cheers,
>
> David