
Subject: Re: how to define theta and phi of a sphere in IDL
Posted by [David Fanning](#) on Sun, 15 Nov 2009 06:11:35 GMT
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nisha katyal writes:

> No, actually i do not want to define it that way. I want to define
> x,y,z cordinates in terms of r,theta,phi. i.e
> $x=r*\sin(\theta)\cos(\phi)$
> $y=r*\cos(\theta)\sin(\phi)$
> $z=r*\cos(\theta)$
>
> I don not kno the difference in defining theta and phi....

Well, maybe a picture will help:

http://en.wikipedia.org/wiki/Spherical_coordinate_system

Cheers,

David

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
