
Subject: Re: draw spheres in 3D space

Posted by [Junum](#) on Mon, 06 Jun 2011 19:14:05 GMT

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On Jun 6, 2:03 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Jun 6, 3:53 pm, Junum <junshi...@gmail.com> wrote:

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>> On Jun 6, 1:50 pm, Junum <junshi...@gmail.com> wrote:

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>>> Hello,

>

>>> I wan to know how to draw spheres in 3D space with xyz axes.

>>> For example, I have 7 spheres with radius of 1 and its center is at

>>> (0,0,0)

>>> (2,0,0)

>>> (-2,0,0)

>>> (0,2,0)

>>> (0,-2,0)

>>> (0,0,2)

>>> (0,0,-1).

>>> Since I don't have idea for 3D drawing, it is hard to start.

>>> Could you let me know any clue, help, suggestion?

>>> Thank you very much.

>

>>> Sincerely,

>>> Jun

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>> There was a typo.

>> A center of the last sphere should be (0,0,-2).

>

>> Jun

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> xyz=[[0,0,0],[2,0,0],[-2,0,0],[0,2,0],[0,-2,0],[0,0,2],[0,0, -2]]

> p=plot3d(xyz[0,*],xyz[1,*],xyz[2,*],sym_object=orb(),/

> undocumented,linestyle='none')

Thank you for suggestion, but I got error message,

```
IDL> xyz=[[0,0,0],[2,0,0],[-2,0,0],[0,2,0],[0,-2,0],[0,0,2],[0,0, -2]]
```

```
IDL> p=plot3d(xyz[0,*],xyz[1,*],xyz[2,*],sym_object=orb(),/
```

```
undocumented,linestyle='none')
```

```
p=plot3d(xyz[0,*],xyz[1,*],xyz[2,*],sym_object=orb(),/
```

```
undocumented,linestyle='none')
```

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% Syntax error.

I am using IDL 7.0.
