
Subject: help on polar_surface routine

Posted by [florence.henry](#) on Tue, 12 Mar 2002 18:10:06 GMT

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Hello,

I'm trying to use the polar_surface routine, and I have one question about it.

Here is the instruction I give :

```
zz = polar_surface(z,r,t,missing=zmin,spacing=[ds,ds])
```

r ranges between 5 and 100

t ranges between 0 and 2*pi

why the resulting zz is not centered on 0 ?

For example :

```
r=findgen(51)/50.
```

```
theta=findgen(25)*15.*!dtr
```

```
x=r#cos(theta)
```

```
y=r#sin(theta)
```

```
z=exp(-r^2)#replicate(1.,25)
```

```
zz=polar_surface(z,r,theta,/grid)
```

```
surface,z,x,y
```

```
window,2
```

```
surface,zz
```

the "surface,z,x,y" will give a plot centered on 0
and "surface,zz" won't.

Anyone can help me to have my plot centered?

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