
Subject: Re: DIST Function - 3D

Posted by [lecacheux.alain](#) on Wed, 27 Jan 2016 16:42:17 GMT

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Le mardi 26 janvier 2016 16:06:18 UTC+1, g.na...@gmail.com a écrit :

> Hi

>

> I wanted to create a 3D array [x,y,t] that when display it I'll see something not simple black images. I found the DIST() function but unfortunately I cannot use it to make a 3D array.

>

> Can anyone help with this?

>

> Thanks!

Maybe, by this:

```
function dist_3D, nx, ny, nz
  x = [rebin(dindgen(1,nx), 1, nx, ny, nz), $
        rebin(dindgen(1,1,ny), 1, nx, ny, nz), $
        rebin(dindgen(1,1,1,nz), 1, nx, ny, nz)]
  return, sqrt(total(x^2, 1))
end
```

alx.
