
Subject: 2D TO 3D ARRAY with different number of elements

Posted by [AISHWARYA](#) on Tue, 28 Jun 2011 10:25:33 GMT

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Hi IDL Users,

I was trying to convert a 2d array into 3d array. I tried congrid, rebin and reform but couldn't succeed as the number of elements in the final array was different. I have a 512*512 pixel data from Telescope. I need to shift from Earth centre to Venus centre. Since the rpresent data is in 2 dimension, I will have to convert it to 3 dimension with the third dimension as distance between Earth's centre and Venus's centre. Centre of the venus disc is 0.345 AU from Earth. So, how do I now shift the z axis such that it matches with (0,0,0) of venus centre.

Any help would be appreciated!

Thank you in advance,
Aishwarya.
