
Subject: Re: Visualizing a 3D volume

Posted by [Chunguang Jia](#) on Tue, 20 May 1997 07:00:00 GMT

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Paal Berg wrote:

> Visualizing a 3D volume

>

> I'm relatively new to IDL so I haven't the needed experience for this

> problem:

> I want to visualize a 3D volume given by a (n x n x n)-matrix. The

> entries in

> the matrix is either 1 or 0 and I want to plot the volume spanned by

> the ones. The polyshade and shade_volume routines are not useful,

> because it is not an isosurface I have and shade_volume doesn't give

> me a useful figure. I wonder if there exists some routines that will

> plot the surface of my volume or if there exists some other way of

> visualizing a 3D volume.

> All suggests are welcome!

>

> Paal Berg

I'm not sure, but you can try the VOXEL_PROJ or PROJECT_VOL function.

JCG
