
Subject: Visualizing a 3D volume

Posted by [paal](#) on Fri, 16 May 1997 07:00:00 GMT

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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 $(n \times n \times n)$ -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
