
Subject: Looking for some advise
Posted by [msingh2](#) on Sun, 03 Oct 1999 07:00:00 GMT
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Hi,

I have a set of data that I want to visualise with IDL. I have a porous medium which is represented as a 3D cubic structure of spherical pores connected by cylindrical throats. There are certain mechanistic rules which determine when a particular pore or a throat will be invaded by oil/water/gas.

I want to look at a snapshot of the spatial distribution of oil/gas/water in the 3D network. This would require me to plot the spheres (which are of different sizes) and connect them with throats (which again are of different radii) in a 3D space. Thereafter, depending upon the occupancy of a throat/pore by oil/water or gas I require it to be colored by different colors.

I have been using IDL so far but most of it has been through the use of IDL defined functions and some simple programs of my own. I know that this particular application will require some intensive programming with use of programming constructs provided by IDL. I would appreciate some insight from the experts about how best to approach this problem. Also if somebody has done something similar I would appreciate their ideas.

Please send a copy of your replies to mohit@uh.edu as well.

Thanks a lot!

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Mohit Singh

haveyoueverwonderedhowdifficultlifewouldbewithoutthespacebar ?
