
Subject: Re: IsoSurface

Posted by [David Fanning](#) on Wed, 09 Jun 2004 21:59:45 GMT

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Aleks writes:

> ok here is the problem I have: I'm trying to run a test on different
> images to figure out how things work. Previously I was helped to find
> the size of my tiff image. I modified the code accordingly.
> Unfortunately, when I try to run this code on my images the first
> Window function shows me all my images but when the execution gets to
> the second Window Function I lose IDL ie it crashes. I have 81 nearly
> identical image. (if you would like to see the image you can check it
> out here http://www.geocities.com/siliconcube/tree_01.tif
> images were modified with MatLab).

Oh, oh. There's your problem. IDL is not going to
work with anything created in MatLab!!

(No, I'm kidding. It's just a joke.)

> Can anyone help me identify the
> problem, is my image not suitable for Iso Surface or am I doing
> somethign wrong =/.

What makes you think you are doing something wrong?
Did you get an error when you ran this program? Or
are you just not seeing anything on your display?

Do you have any idea of the range of values in your
data? (You could print the min and max of your volume.)
Is 81 a smart choice for the threshold? Where did 81 come
from? It seems an odd choice. Maybe you could plot a
histogram of your volume data and find a value that
makes more sense for the specific data your have.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
