
Subject: Re: IsoSurface

Posted by [siliconcube](#) on Thu, 10 Jun 2004 15:26:54 GMT

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David Fanning <davidf@dfanning.com> wrote in message
news:<MPG.1b3136406ab74403989792@news.frii.com>...

> 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

Previously I used MatLab to combine slices of data and construct 3D
models. My advisor chose to switch to IDL because of its "powerfull"
features. 81 came from the number of slices I have. I'm not really
sure what you mean by range of my values?
