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Subject: Re: 3d matrix rotation

Posted by [David Fanning](#) on Thu, 02 Jan 2003 21:20:36 GMT

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New2IDL (biomedthesis2002@yahoo.com) writes:

- > I'm trying to rotate a 3D matrix using trackball. I have a 3D matrix
- > of size 512x512x25. Hwn i try to rotate it, the matrix stretches along
- > Z-axis. Hwn displayed the image is perfectly fine. Can anybody explain
- > why that happens and what can be done to fix it. When i tried a
- > dataset from the example (head.dat) for the same code, the rotation
- > takes place without any stretch.

Sounds to me like you are applying the transformation matrix to the data itself, rather than to the model that holds the data. Apply the transformation to the model.

Cheers,

David

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