Subject: Re: 3D registration

Posted by Mike[2] on Thu, 03 May 2007 15:34:36 GMT

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On May 1, 1:25 pm, Bita <rahm...@sbox.tugraz.at> wrote:

- > Hi,
- > I would like to implement an affine transformation for 3D
- > registration.
- > I have done a linear rigid transformation with T3D IDL-function,
- > but how can I do the shear operations?

You can use t3d to incorporate translations, scaling, and rotations, i.e.

t3d, /reset t3d, translate=[dx,dy,dz]

Then you can multiply by a shear transformation "by hand" (without t3d):

I think I may be remembering the correct form for a shear transformation, but don't take my word for it!

Mike