
Subject: Surface Rendering from multiple 2-D images
Posted by [Larry Busse](#) on Thu, 06 Jan 2000 08:00:00 GMT
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Larry Busse wrote:

>
> Is anyone aware of a method or software package that is capable of doing
> surface mapping using a pair of stereo images as input? I realize it may
> be necessary to mark (or manually identify) common points in the
> images. Any guidance or suggestions in this regard would be greatly
> appreciated.
>

Since I posted this message originally, it was pointed out to me that the recon3 function was meant to do this...it will use more than two views if they are available.

I have not yet tried recon3 on real images since I'm still waiting for these to be provided. I did try the example code supplied with recon3 and was UNDERwhelmed by the results. If there's anyone out there with experience using this function, I'd appreciate your guidance or warnings so that I can avoid re-invention of the wheel.

In particular, do images have to be high-contrast?
Will color-coding of surfaces help improve the results?
Are fiducial marks used or helpful?

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Larry Busse Phone/Fax: (606)344-1464
LJB Development Cellular: (606)802-6273
mailto:ljb@ljbdev.com http://www.ljbdev.com
