
Subject: Q: project_vol

Posted by [jun](#) on Thu, 30 Jun 1994 18:51:30 GMT

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I'm using a userlib program PROJECT_VOL.PRO to display a 3D volume data. I cannot understand the result. Then I tried this program on a (20,20,20) sphere. It came out like three ridges connecting at the center. My command line reads:

```
IDL> im=project_vol(sp, 20, 20, 20, depth_q=0.0,TRANS=(!P.T))
```

I'm confused with the output. Does anyone has experience with this routine?

Thanks.

Jim

Subject: Re: Q: project_vol

Posted by [jaroslav.dudik](#) on Fri, 10 May 2013 13:10:35 GMT

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Can you please post the full code?

You may have a problem with depth queuing. Try setting it to 1.

However, the routine seems to produce strange outputs. E.g., when plotting a cube that is 200x200x200 pixels instead of 20x20x20 pixels large, the result SHRINKS into the lower left corner. Also, according to IDL help, the resulting image should have (X_sample,Y_sample) dimensions. Instead I get image fitting the window size independently of how much rays (samples) I use.
