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Subject: Plotting a trajectory against a mapped image

Posted by [steve](#) on Tue, 12 Jul 2005 22:24:29 GMT

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Greetings everyone,

I am a novice IDL user and I have the task of displaying trajectories with respect to a mapped projection of the earth. I am using `map_image` to generate a projection of the earth with terrain, but I can't seem to find what I would need to overlay a trajectory on top of that. I've tried the `PLOTS` function, but since `T3D` is not specified it will only plot lines against the surface and ignore the `z` component. I know I could use `SURFACE` to get the transformation matrix I need for `PLOTS` to operate correctly, but I'm not sure how to set it up to work with the image that I have mapped. Am I on the right track, or is there something better I could use?

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