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Subject: Re: Polynomial warping of satellite images

Posted by [wmc](#) on Wed, 01 Jul 1998 07:00:00 GMT

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In article 5658@cdc.noaa.gov, Andy Loughe <afl@cdc.noaa.gov> writes:

> What are the advantages of using POLYWARP or POLY\_2D?

> I thought MAP\_IMAGE or MAP\_PATCH were supposed to accomplish this task.

> Liam Gumley wrote:

>> Has anyone tried warping large (say 2048x2048) satellite images to map

>> projections using POLYWARP and POLY\_2D in IDL?

I thought that map\_image and map\_patch assume that the image is pasted into a rectangle in lat-lon space, which has its sides EW and NS. Which is a major failing, since most satellite passes aren't arranged so conveniently. This was true last time I looked, and 5.1 doesn't seem to have improved it. Is use of polywarp supposed to get round that problem? I'd be interested if so.

- William

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