
Subject: Re: Warping surfaces to match control points
Posted by [Dick Jackson](#) on Thu, 05 Jul 2001 15:35:19 GMT
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"Brad Nelson" <brad.nelson@nrc.ca> wrote in message
news:4e53fd15.0107050552.1442c0ea@posting.google.com...
> I purchased a magnetic field grid which was generated from poor
> navigation data. When we flew through the area again and measured the
> magnetic field, many of the anomalies were displaced by km. Does
> anyone have an IDL procedure for warping an existing image (my grid
> data) to a set of control points (my flight measurements). All of the
> warping programs that I have seen rely on two images and a few "this
> pixel should be over here" control points. Nowhere have I found an
> algorithm that takes many points and matches features. Any
> suggestions?

I haven't used it before, but from the online help, I think WARP_TRI may be
just what you're looking for.

Cheers,

--

-Dick

Dick Jackson / dick@d-jackson.com

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Calgary, Alberta, Canada

Subject: Re: Warping surfaces to match control points
Posted by [Dick Jackson](#) on Thu, 05 Jul 2001 17:57:17 GMT
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"Dick Jackson" <dick@d-jackson.com> wrote in message
news:XO%07.9489\$6N.15397@shaw-ty2...
>
> "Brad Nelson" <brad.nelson@nrc.ca> wrote in message
> news:4e53fd15.0107050552.1442c0ea@posting.google.com...
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> just what you're looking for.

Forgive me for following up my own message, but I saw that I misread Brad's
question and was in touch with him directly. We concluded that it's really a
sort of registration problem he has, with a lot more flexibility in the
transform model than usually seen in mis-registration. Anyone with a better
idea than turning it into a big optimization problem?

Cheers,

--

-Dick

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