Subject: Re: image registration
Posted by tianyf_cn on Tue, 05 Aug 2003 07:43:57 GMT
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I have written an image registration code a few days ago.  It was used
to perform semi-automated image matching base upon a few pairs of
prior tie points (at least 4). Correlation coefficient is used to
check the matching position of tie point, and polynomial of degree 1
or 2 is used to approximate the wrapping eometry of the unregistered
image. But I found it gives bad results in many ases, especially when
there exist local distortions in the image. Does someone have a good
idea?  I'd like to discuss the implementation of image matching in IDL
with others.


Tian.


mperrin+news@cymric.berkeley.edu (Marshall Perrin) wrote in message
news:<bg7l4h$1qui$1@agate.berkeley.edu>...
> Bryan William Jones <bryan.jones@m.cc.utah.edu> wrote:
>>  Does anyone have or know of IDL code that will perform image
>>  registration/mosaicking?
>
> Sure, I've got some routines which register and mosaic astronomical
> images (so each pixel is a float...). They're not online anywhere yet
> (hmm, I should do that one of these days!) but drop me an email and I'll
> send you a copy if you'd like.
>
>   - Marshall