Subject: Re: find rotation between two images Posted by ronn on Fri, 10 Sep 2004 15:33:29 GMT

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tbeetz@yahoo.com (Tobi) wrote in message news:<7f0cc27.0409011354.45cce42f@posting.google.com>...

- > i have several images where i would like to find the rotation and
- > shift compared to a reference image. i use an alignment routine to
- > seperate the shifting part. however, there is still the remaining
- > problem of image rotation. is there a routine available? thanks!

Hi Tobi,

Sorry that I didn't notice this post earlier. Hongjie Xie has some excellent routines to do exactly what you want.

Go to this site

http://www.iamg.org/CGEditor/cg2003.htm

and do a search for this title

An IDL/ENVI implementation of the FFT-based algorithm for automatic image registration

It will bring you to another link with source code and data files.

Dr. Xie's web site is at

http://www.utsa.edu/eps/programs/EnvSci/hjCV.htm

-Ronn Kling