
Subject: Subpixel registration with idl/envi
Posted by [Juergen Hefe](#) on Fri, 21 Jul 2006 19:17:00 GMT
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Hello All

I am wondering which type of image to image registration is implemented in IDL and/or ENVI. Is there a area based method with sub pixel accuracy or are there other methods with sub pixel accuracy available?

After the registration of the images with a high accuracy (1/10 of pixel?) it is necessary to transform the image (lets say with a projective transformation). Do you think the re-sampling algorithm (bilinear or bicubic) does have any influence? For example edges does not match exactly in registered image because the re-sampling algorithm move slightly such a edge.

Regards

Juergen
