
Subject: Re: Matching, Aligning, Affine Transform
Posted by [azM](#) on Thu, 18 Oct 2001 12:31:29 GMT
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Something like AIR (<http://bishopw.loni.ucla.edu/AIR3/index.html>) but then implemented in IDL

"azM" <user@azm.nl> wrote in message [news:9qmgnn\\$9ch\\$1@rl0001.unimaas.nl](mailto:news:9qmgnn$9ch$1@rl0001.unimaas.nl)...

> Has anybody written a routine to match two images or even better volumes?

At

> present I'm using a set of external programs (MIRIT, FSL-FLIRT both on UNIX)

> to calculate translation and rotation of a float volume versus a reference volume. The result is a 4x4 (affine) transformation matrix. (I posted some questions about this matrix earlier). I'm thinking about writting the whole

> routine myself because I'm not satisfied with the results of the UNIX programs. Unfortunatly I probably don't have enough time for my internship left to fully complete this. I want to base it on so called cost algorithms

> (Woods functions, Joint Entropy etc). Can anybody help me?

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> Thanks in advance,

> Bob

> B.C.Hamans<<at>>student.tue.nl

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