
Subject: Re: Matching, Aligning, Affine Transform
Posted by [Martin Downing](#) on Thu, 18 Oct 2001 13:47:44 GMT
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Hi bob,

maybe you should lookup some references on registration - noone said this game was easy! ;)

Martin

Martin Downing,
Clinical Research Physicist,
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"azM" <user@azm.nl> wrote in message [news:9qml0o\\$5mf\\$1@rl0001.unimaas.nl...](news:9qml0o$5mf$1@rl0001.unimaas.nl...)

> Or VIRE <http://www.cs.wright.edu/people/faculty/agoshtas/nih96.html>

> Which absolutetly completly what I'm looking for. If only i could have a

> peak at the code....

>

> "azM" <user@azm.nl> wrote in message

[news:9qmgnn\\$9ch\\$1@rl0001.unimaas.nl...](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?

>>

>> Thanks in advance,

>> Bob

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