
Subject: Matching, Aligning, Affine Transform
Posted by [azM](#) on Thu, 18 Oct 2001 12:09:15 GMT

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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. Unfortunately 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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