
Subject: 3D thin-plate spline algorithm?

Posted by [Steve Hartmann](#) on Wed, 01 Mar 2000 08:00:00 GMT

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I would like to register a 3D image volume to another volume based on a set of corresponding points in each volume. This would be similar to IDL's Warp_Tri function, only for 3D images and ideally using a thin-plate spline interpolation method.

I thought I'd check if anyone had already done this (IDL, C, other) before I started. Anyone have a 3D TPS algorithm or code available?

Thanks,
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