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Subject: warping a 2D-matrix on 3D model

Posted by [weilke](#) on Tue, 17 Dec 1996 08:00:00 GMT

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Hi,

I am faced with the task to warp a 2D image image of an infrared camera onto a known 3D model of the measured object. In the end i want to correct the values in the infrared picture according to the apparent viewing angle of the sensor and integrate the infrared radiation of the complete exposed surface of the measured object. One of the intermediate results i will probably need for this is an array with all the surface normals of the exposed surface.

Has anybody been faced with this kind of problem before ? Are there any IDL-Routines out there dealing with the issue ? Can someone point me to some other Information source that might describe the problem in a language accessible to someone who hasnt studied maths ?

THANKS.

Florian Weilke

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