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Subject: angles from rotation matrix

Posted by [marc schellens\[1\]](#) on Tue, 10 Jul 2001 11:16:21 GMT

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Hello everybody!

Is there a function in IDL to get the rotation angles from a given rotation matrix (in order first X than Y than Z (or arbitrary order))?

Another problem I have is to find the rotation matrix to rotate two pointsets ( $X_i$  and  $X_{ii}$ ) so that the distance between the corresponding points of the set is minimized.

I have a algorithm using SVDC, but wonder if IDL provides also another solution for this.

thanks,  
marc

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