

---

Subject: angles from rotation matrix

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

---