Let the Affine matrix 16 [A, A,2 A,3 tn Az Azz Azz Ey Az Azz Azz tz iA2 = [A21 A22 A23] Now, the matrix pega form will be W= U2NX2N Davry (Vnn) = U2NX3 D3X3 (Vnx3) taking rank-3 approximation (" The natrix in RMS (AS) has $= U_{2NX3} D_{3X3}^{1/2} D_{3X3}^{1/2} (V_{NX3})^{T}$ rank = 3) Mere, we does not have any constraints on A, or Az to find out a (not be similiar to the case when of 3D rigid motion as solve in the class). Because here, matrix A has 6-degree of freedom. Here, we have 6-degles of freedom just to find A and for the whole affine waterix So, we can't find S. and A and since, we can't find A is we also can't find the whole Affine matrix. is We can't find the point coordinates and the affine object motion.