Xihao Zhu 1. rotated about TA by 30°, XA by 45°. Therefore its mapping is X-1-8 fixed angles. Lotation Matrix [0 0 0 | (05(3°) - 0 5in/30')]

Lxyz= Px x PT = 0 cos(us) - sin/3 (05(3°) 0 cos/30')]

Lotation Matrix [0 0 0 | 05(us) - 05(us) | 0 cos/30')]

Lxyz= Px x PT = 0 cos(us) - sin/3 (05(3°) 0 cos/30')] $= \begin{bmatrix} 0.866 & 0 & 0.5007 \\ 0.354 & 0.707 & -0.612 \\ -0.354 & 0.707 & 0.612 \end{bmatrix}$ Peorg = [0] Rotate: first rotate about 2A by 180° then about $\stackrel{?}{\times}$ by -90° So AZZIX = RZA(180) x RRB(-90) $= \begin{bmatrix} -1 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ $\vec{c} = \begin{bmatrix} \vec{c} + \vec{c} + \vec{c} & \vec{c} \\ 0 & 0 & 1 \end{bmatrix} = \begin{bmatrix} -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 4 \\ 0 & -1 & 0 & 2 \end{bmatrix}$

Fig. 1. First
$$f = \frac{1}{2} \cdot f$$

The state $f = \frac{1}{2} \cdot f$
 $f = \frac{$