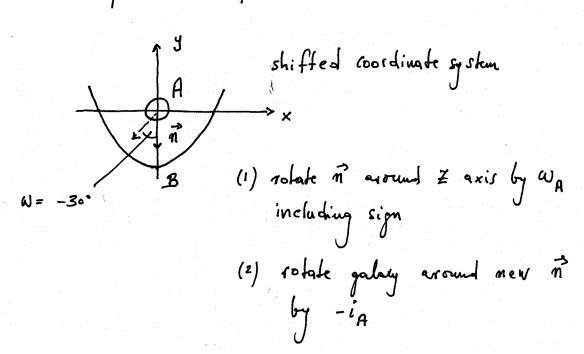
Galaxy A out pericenter:



A robation is defined by relation axis $\vec{n} = n_1 \vec{e}_1 + n_2 \vec{e}_2 + n_3 \vec{e}_3$ $|\vec{m}| = 1 , \text{ eagle of relation } \vec{\sigma}$ $R(\vec{n}, \vec{\sigma}) = \begin{cases} a n_1^2 + c & \text{an}_1 n_2 - s n_3 & \text{an}_1 n_3 + s n_2 \\ a n_1 n_2 + s n_3 & \text{an}_2^2 + c & \text{an}_2 n_3 - s n_4 \\ a n_1 n_3 - s n_2 & \text{an}_2 n_3 + s n_4 & \text{an}_3^2 + c \end{cases}$

$$C = \cos \delta$$
, $S = \sin \delta$, $Q = 1 - \cos \delta$
 $\delta = -i$ in our ase