円軌道Ci,Co,重加軌道速度U,U, 这(2.81)より本的3

·林树1、

$$U_1 = \sqrt{\frac{\mu}{\alpha_1}}$$
, $U_2 = \sqrt{\frac{\mu}{\alpha_2}}$... (3.3)

次にホーマン軌道(楕円軌道)の近点と遠点によける速度は、18を(2.79)からよれる

休を用いて、

以上的、A点《B点飞水漫型加速量型以3

$$\Delta U_{A} = U_{A} - U_{1}$$

$$= \alpha N \sqrt{\frac{1+e}{1-e}} - \sqrt{\frac{y}{a_{1}}} \qquad (-3.3, 3.4)$$

$$= \sqrt{\frac{y}{a_{1}}} \sqrt{\frac{1+e}{1-e}} - \sqrt{\frac{y}{a_{1}}} \qquad (-1.3.3, 3.4)$$

$$= \sqrt{\frac{J}{2}(\Omega_{1} + \Omega_{2})} \cdot \sqrt{\frac{1 + \frac{\Omega_{2} - \Omega_{1}}{\Omega_{2} + \Omega_{1}}}{1 - \frac{\Omega_{2} - \Omega_{1}}{\Omega_{2} + \Omega_{1}}}} - \sqrt{\frac{J}{\Omega_{1}}}$$

$$= \sqrt{\frac{2J}{\Omega_{1} + \Omega_{2}}} \cdot \sqrt{\frac{\Omega_{2} + \Omega_{1} + \Omega_{2} - \Omega_{1}}{\Omega_{2} + \Omega_{1} - \Omega_{2} + \Omega_{1}}} - \sqrt{\frac{J}{\Omega_{1}}}$$

$$= \sqrt{\frac{2J}{\Omega_{1} + \Omega_{2}}} \sqrt{\frac{2\Omega_{2}}{2\Omega_{1}}} - \sqrt{\frac{J}{\Omega_{1}}}$$

$$= \sqrt{\frac{J}{\Omega_{1}}} \left(\sqrt{\frac{2\Omega_{2}}{\Omega_{1} + \Omega_{2}}} - 1\right) \cdots (3.5)$$

$$= \sqrt{\frac{J}{\Omega_{1}}} \left(\sqrt{\frac{2\Omega_{2}}{\Omega_{1} + \Omega_{2}}} - 1\right) \cdots (3.5)$$

·B点でT→C2人と移る

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac$$