$$\frac{d^2 | r}{dt^2} = -M \frac{| r}{r^3} \qquad (2.6)$$

Y. Ir x In' x n 関係式

を用、1 h/の運動方程式を求める

(28)人@ 松入十3

$$\frac{d^{2}}{dt^{2}}\left(-\frac{m_{1}+m_{2}}{m_{2}}|r_{1}'\right)=-\mu\left(\frac{m_{2}}{(m_{1}+m_{2})r_{1}'}\right)^{3}\cdot\left(-\frac{m_{1}+m_{2}}{m_{2}}|r_{1}'\right)$$

$$-\frac{M_1+M_2}{M_2}\frac{d^2|h'|}{dt^2}=+M.\left(\frac{M_2}{M_1+M_2}\right)^2.\frac{|h'|}{h'_13}$$

$$\frac{d^2 | r'}{dt^2} = -\mu \left(\frac{M_2}{M_1 + M_2} \right)^3 \cdot \frac{| r'}{r'^3}$$