

$$m_{iA} \cdot l_{ASi}^2 + m_{iB} \cdot (l_{AB} - l_{ASi})^2 = I_S.$$

$$l_{ASi} = \text{CONST}, m_{iA} \cdot l_{ASi} = m_{iB} \cdot (l_{AB} - l_{ASi})$$

$$m_B = m_{B1} + m_{B2}, m_C = m_3 + m_{C2}, m_A = m_{A1},$$