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3 惯性力平衡

三列压缩机

$$I_1 = m_s r \omega^2 \cos(\theta + 120) = m_s r \omega^2 (-\frac{1}{2} \cos \theta - \frac{\sqrt{3}}{2} \sin \theta)$$

$$I_2 = m_s r \omega^2 \lambda \cos(2\theta + 240) = m_s r \omega^2 \lambda (-\frac{1}{2} \cos 2\theta + \frac{\sqrt{3}}{2} \sin 2\theta)$$

$$I_r = m_r r \omega^2$$

$$I_1 = m_s r \omega^2 \cos(\theta + 240) = m_s r \omega^2 (-\frac{1}{2} \cos \theta + \frac{\sqrt{3}}{2} \sin \theta)$$

$$I_2 = m_s r \omega^2 \lambda \cos(2\theta + 480) = m_s r \omega^2 \lambda (-\frac{1}{2} \cos 2\theta - \frac{\sqrt{3}}{2} \sin 2\theta)$$

$$I_r = m_r r \omega^2$$

$$I_{1 \triangleq 0}; I_{2 \triangleq 0}; I_{r \triangleq 0}$$

















































