

$$\begin{aligned}
&= \mu \cdot I_{m_2} \cdot n \cdot I_{c_2}(t) \cdot \left\{ \sin(2\omega_2 \cdot t - \gamma + \alpha) + \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{\pi}{3}\right) \right. \\
&\quad + \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{2\pi}{3}\right) - \sin(2\omega_2 \cdot t - \gamma + \alpha) - \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{\pi}{3}\right) \\
&\quad - \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{2\pi}{3}\right) + \sin(2\omega_2 \cdot t - \gamma + \alpha) + \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{\pi}{3}\right) \\
&\quad + \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{2\pi}{3}\right) - \sin(2\omega_2 \cdot t - \gamma + \alpha) - \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{\pi}{3}\right) \\
&\quad \left. - \sin\left(2\omega_2 \cdot t - \gamma + \alpha - \frac{2\pi}{3}\right) + 12 \sin(\gamma + \alpha) \right\} \\
&= 12\mu \cdot I_{m_2} \cdot n \cdot I_{c_2}(t) \cdot \sin(\gamma + \alpha)
\end{aligned} \tag{37}$$