$$f - f_{\phi\mathrm{M}} \qquad f \qquad f + f_{\phi\mathrm{M}}$$

$$V(t) = V_{\mathrm{dc}} + V_{\phi\mathrm{M}} \sin \varphi \sin 2\pi f_{\phi\mathrm{M}} t$$

$$(\quad)$$

$$e^{i\varphi}$$