$$\oint f(x) = e^{4x} : 5_{2}(x) - 7_{2} : |f_{2}(x) - f(x)|, \quad x = V_{d}, e = 0^{-3}$$

$$\oint f(x) = \left(e^{4x} \times \frac{1}{x^{2}}\right) = e^{4x} \cdot \frac{1}{x^{2}x^{2}} : \quad \# f'(0) = L$$

$$f'(x) = \left(e^{4x} \times \frac{1}{x^{2}x^{2}}\right) = \left(e^{4x} \times \frac{1}{x^{2}x^{2}} + \frac{1}{x^{2}x^{2}x^{2}} + \frac{1}{x^{2}x^{2}x^{2}}\right)$$

$$= e^{4x} \times \left(\frac{1}{x^{2}x^{2}} + \frac{1}{x^{2}x^{2}}\right)$$

$$= e^{4x} \times \left(\frac{1}{x^{2}} + \frac{1}{x^{2}} + \frac{1}{x^{2}}\right)$$

$$\frac{3}{2} f(x) \sim \frac{a_{0}}{2} + \sum_{n=1}^{\infty} (a_{n} \cos nx) + b_{n} \sin nx}$$

$$a_{0} = \frac{1}{T} \int_{T}^{T} f(x) dx ; \quad a_{n} = \frac{1}{T} \int_{T}^{T} f(x) \cos nx dx$$

$$b_{n} = \frac{1}{T} \int_{T}^{T} f(x) dx ; \quad a_{n} = \frac{1}{T} \int_{T}^{T} |\cos x| dx$$

$$b_{n} = \frac{1}{T} \int_{T}^{T} |\cos x| dx = \frac{1}{T} \int_{T}^{T} |\cos x|^{2} = \frac{1}{T$$

$$f(x) \sim \frac{a_{\infty}}{2} + \sum_{n=1}^{\infty} \left(a_{n} \cdot \cos(nx) + b_{n} \cdot \sin(nx) \right) = \int_{6}^{6} \frac{1}{\pi} \left(x \right) \left(x \right) = \int_{\pi}^{2} \frac{a_{n} \cdot x}{\pi} \cdot \cos(nx) + 0 + \int_{\pi}^{2} \frac{a_{n} \cdot x}{\pi} \cdot \cos(nx) + 0 + \int_{\pi}^{2} \frac{a_{n} \cdot x}{\pi} \cdot \cos(nx) + 0 + \int_{\pi}^{2} \frac{a_{n} \cdot x}{\pi} \cdot \cos(nx) = \int_{\pi}^{2} \frac{a_{n} \cdot x}{\pi} \cdot \frac{a_{n}$$