$$S = \frac{1}{50} \int_{n} \frac{\chi(0)}{\chi(10)} = \frac{1}{50} \int_{n} \frac{0.5}{0.04} = 0.0505$$

$$S = \frac{0.05}{2\pi} = 0.008$$

$$\left(0 \sin \frac{5}{3} + \frac{5}{54\pi^{2} + 8^{2}} - \frac{5}{3} \cos \frac{1}{3} \cos \frac{1$$

$$\frac{K}{m} = \omega_n^2$$

$$\omega_n \int_{\overline{G}}^{\underline{e}} Q = \frac{\overline{T}}{2}, \frac{3\pi}{2}, \dots$$

$$\omega_n \int_{\overline{G}}^{\underline{P}} \int_{\underline{C}} \frac{(2n-1)\pi}{2} d\tau, \quad \omega_n = \frac{(2n-1)\pi}{2} \int_{\underline{C}}^{\underline{G}} \frac{(2n-1)\pi}{2} d\tau$$

$$X_n(x) = B_n \cos \frac{(2n-1)\pi}{2} \frac{x}{e}$$