$$F(x) = \begin{cases} 0 \cdot \cos(k_1 x) & \cos(k_1 x) \\ 0 & \frac{\lambda}{2} < x < \lambda \end{cases}$$

$$F(x) = \frac{\Delta_0}{2} + \sum_{m=1}^{\infty} (\lambda_m \cdot \cos(m \cdot k \cdot x) + \sum_{m=1}^{\infty} b \cdot n \cdot \text{Sen}(m \cdot k \cdot x)$$

$$A_0 = \frac{2}{\lambda_0} \int_0^{\frac{\lambda_0}{2}} V_0 \cdot Cos(k_1 \cdot x) dx + \frac{1}{\lambda_0} \int_0^{\frac{\lambda_0}{2}} V_0 \cdot Cos(k_1 \cdot x) dx$$

$$2. \underbrace{V_0}_{\lambda_0} \cdot \underbrace{Sen(k_1 \cdot x)}_{k_1} = \underbrace{\begin{bmatrix} 2U_0 \cdot \text{Sen}(k_1 \cdot x) \\ \lambda_0 k_1 \end{bmatrix}}_{\frac{\lambda_0}{2}} \underbrace{V_0}_{\frac{\lambda_0}{2}} \cdot \underbrace{Sen(k_1 \cdot x)}_{\frac{\lambda_0}{2}} \underbrace{V_0}_{\frac{\lambda_0}{2}} \cdot \underbrace{V_0}_{\frac{\lambda_0}{2}}$$

$$\frac{20_{\circ}}{\lambda_{\circ}20^{\dagger}} - \frac{20_{\circ}}{\lambda_{\circ}} = \frac{20_{\circ}}{10^{\dagger}}, \lambda_{\circ} = \frac{20_{\circ}}{\lambda_{\circ}}$$

$$\Rightarrow \frac{1}{\lambda_{\circ}} - \frac{1}{\lambda_{\circ}} = \frac{1}{\lambda_{\circ}} + \frac{1}{\lambda_{\circ}} = \frac{1}{\lambda$$

$$\begin{array}{lll}
 & \begin{array}{lll}
 & \end{array}
 & \end{array}$$

Uo (-COS (26 TT + 2TTN ) 40 + Cos (25 TT - 2TTN ) 40 / 70 ) 20 - ZOTI - ZTIN 2011十年1 -> Vo (- COS (NO+N) T) + COS (NO-N) TT / ZTT (NO-N) // X1 x Xz: - (05(1) Uo (- Cos (lo+n) TI)+1 + Cos (10-17) TI-1