

$$\int_{-\infty}^{\infty} (dx = B + C)$$

$$(= E + F)$$

$$\int_{-\frac{P}{2}}^{\frac{P}{2}} \left\{ \sum_{k=0}^{\infty} \left\{ A_k \cdot \cos(2\pi \cdot k \cdot f_0 \cdot t) \cdot \cos(2\pi \cdot k_1 \cdot f_0 \cdot t) + \right. \right.$$

$$\left. \left. B_k \cdot \sin(2\pi \cdot k \cdot f_0 \cdot t) \cdot \cos(2\pi \cdot k_1 \cdot f_0 \cdot t) \right\} \right\} dt$$

$$\int_{-\frac{P}{2}}^{\frac{P}{2}} \left\{ \sum_{k=0}^{\infty} \left\{ A_k \cdot \cos(2\pi \cdot k \cdot f_0 \cdot t) \cdot \cos(2\pi \cdot k_1 \cdot f_0 \cdot t) + \right. \right.$$

$$\left. \left. B_k \cdot \sin(2\pi \cdot k \cdot f_0 \cdot t) \cdot \cos(2\pi \cdot k_1 \cdot f_0 \cdot t) \right\} \right\} dt$$