Cn > Complex exponential fourier coefficient.

$$=\frac{1}{T_0}\left(\int_{-T/2}^{T/2}\frac{-jn\omega \circ t}{Aoe}\right)$$

$$=\frac{Ao}{T_6} \left[\begin{array}{c} -3nw_0 t \\ \hline -Jnw_0 \end{array} \right] - \frac{7}{12} = \frac{Ao}{T_6} \left[\begin{array}{c} -Jnw_0 t \\ \hline -Jnw_0 \end{array} \right] - \frac{1}{12} = \frac{Ao}{T_6} \left[\begin{array}{c} -Jnw_0 t \\ \hline -Jnw_0 \end{array} \right]$$

$$C_{n} = \frac{Ao}{n\omega^{5}} \left[e^{jn\omega^{5}/2} - e^{jn\omega^{5}/2} \right]$$

$$C_{n} = \frac{2Ao}{n\omega^{5}} \quad Sin(n\omega^{5}/2)$$

$$C_{n} = \frac{Ao}{jn\omega^{5}} \quad 2sinn\omega^{5}$$

$$C_{n} = \frac{Ao}{jn\omega^{5}} \quad sinn\omega^{5}$$

$$C_{n} = \frac{Ao}{jn\omega^{5}} \quad sinn\omega^{5}$$