

了一深中一深十分写产来

C. Eq. (10) states tent the difference between the tourier series representation and the actual function squared decreases as k->00 trans our graphs that appears to be time. However at the points of discontinuity three error is high found

$$4u. 4y = \frac{1}{T} \int_{-T_{2}}^{T_{2}} \times (1-T_{1})e^{-j\frac{2T}{T}} x t dt \qquad u = t-t_{1}$$

$$du = dt$$

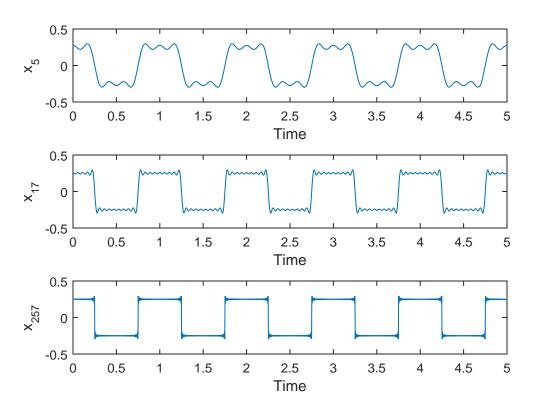
$$C_{ky} = \frac{1}{T} \int_{-T_{2}-T_{1}}^{T_{2}-T_{1}} \times (u) e^{-j\frac{2T}{T}} x(u+T_{1}) dt = \int_{-\frac{T}{T}-T_{1}}^{\frac{T}{T}-T_{1}} \times (u) e^{-j\frac{2T}{T}} x(u) e^{$$

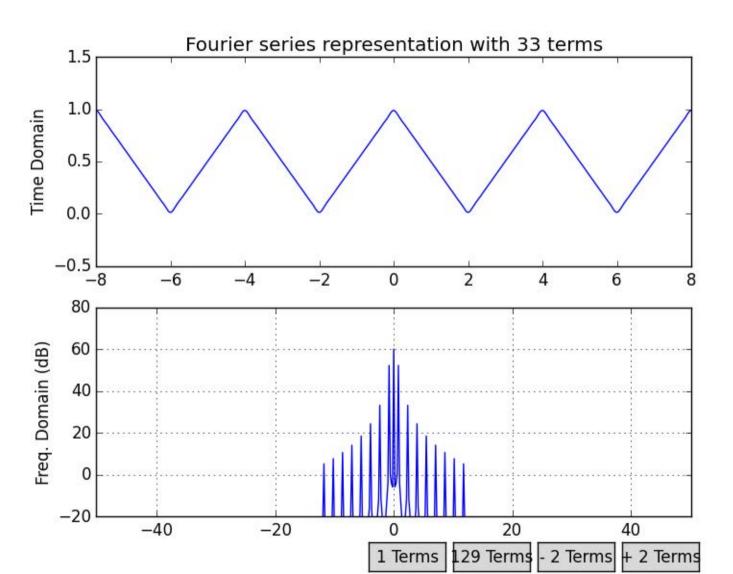
$$C_{XX} = \frac{1}{7} \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} dt \chi(t) e^{-j \frac{\pi}{2}} \chi(t) \mathcal{X}(t)$$

$$C_{k_1} = \frac{1}{T} e^{-j\frac{2\pi}{T}kT_1} \int_{-\frac{\pi}{2}-T_1}^{\frac{\pi}{2}-T_1} \chi(u)e^{-j\frac{2\pi}{T}ku} du$$

$$G_{ky} = e^{-j\frac{2\pi}{k}k\frac{T}{k}}G_{kx}$$

$$C_{KX} = \begin{cases} \frac{-2}{\pi^2 k^2} & \text{if } k \ge 0 \text{if } k \le 0 \text$$





Line edited in SigSys2015:

In function fs\_triangle:

x = x + Coeff\*np.exp(1j\*2\*np.pi/T\*k\*ts)\*np.exp(-1j\*np.pi\*k)