$$\chi_{\lambda}(t) = \sum_{n} \operatorname{rect}\left(\frac{t-n}{2}\right)$$

$$x_2(t) = \sum_{n} cos \left[\frac{2\pi(t-nt_0)}{4i} \right] vect \left(\frac{t-nt_0}{2\pi} \right)$$

$$X_{y} = X_{1n} + X_{2n}$$

$$X_{2n} = \frac{1}{T_0} \begin{pmatrix} \frac{7}{2} \\ \frac{1}{7} \\ \frac{7}{7} \end{pmatrix} \times \frac{1}{7} \begin{pmatrix} \frac{1}{7} \\ \frac{1}{7} \\ \frac{7}{7} \end{pmatrix} = \frac{1}{7} \begin{pmatrix} \frac{1}{7} \\ \frac{1}{7} \\ \frac{7}{7} \\ \frac{7}{7} \end{pmatrix}$$

$$\frac{1}{37} = \frac{1}{27} = \frac{1}{27}$$

$$= \frac{1}{-j2\pi\eta} \int_{-j2\pi\eta}^{-j2\pi\eta} \frac{1}{3\tau} - e^{-j2\pi\eta} \frac{1}{3\tau} - e^{-j2\pi\eta} \frac{1}{3\tau}$$

$$= \frac{1}{\pi\eta} \int_{-j2\pi\eta}^{-j2\pi\eta} \frac{1}{3\tau} - e^{-j2\pi\eta} \frac{1}{3\tau} \int_{-j2\pi\eta}^{-j2\pi\eta} \frac{1}{3\tau} \int_{-j2\pi\eta}^{-j2\eta} \frac{1}{3\tau} \int_{$$

$$= \frac{1}{37} \begin{pmatrix} 1 + \frac{1}{2} + \frac{1}{2} \cos \left(\frac{2\pi t}{27}\right) + 2 \cos \left(\frac{2\pi t}{47}\right) dt$$

$$= \frac{1}{37} \begin{pmatrix} 27 + 7 \end{pmatrix} + \frac{2}{37} \frac{47}{277} \sin \left(\frac{2\pi t}{47}\right) = \frac{1}{37} \begin{pmatrix} 27 + 7 \end{pmatrix} + \frac{2}{37} \frac{47}{277} \cos \left(\frac{2\pi t}{47}\right) = \frac{1}{37} \cos$$

$$X_{0}(t) = X_{1}(t) e^{\int 2\pi t} + X_{1}(t) e^{-\int 2\pi t}$$

$$= 2 M_{1}(t) \cos(2\pi t)$$

$$X_{1}(t) = ATCF \left[X_{1}(t) \right] = \frac{A}{2\pi} sinc \left(\frac{t}{2\pi} \right)$$

$$X_{0}(t) = \frac{A}{T} sinc^{2} \left(\frac{t}{2\pi} \right) \cos(2\pi t)$$

$$X_{0}(t) = \frac{A}{T} sinc^{2} \left(\frac{t+t_{0}}{2T} \right) \cos\left(2\pi t) \left(\frac{t+t_{0}}{T} \right)$$

$$X_{0}(t) = \frac{A}{T} sinc^{2} \left(\frac{t+t_{0}}{2T} \right) \cos\left(2\pi t) \left(\frac{t+t_{0}}{T} \right) \right]$$

$$X(t) = \frac{2A}{T} sinc^{2} \left(\frac{t+t_{0}}{2T} \right) \cos\left(2\pi t) \left(\frac{t+t_{0}}{T} \right) \right]$$

$$Cos(3\pi t)$$

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