

Errata, Signals and Systems, vol. I

Page 163, chapter 4

“Relation (4.44’) leads to

$$P = \frac{W}{T_0} = \sum_{k=1}^{\infty} |c_k|^2 \frac{T_0}{T_0}$$

or

$$P = \sum_{k=1}^{\infty} |c_k|^2 = \frac{1}{T_0} \int_{T_0} |x(t)|^2 dt \quad (4.63)''$$

Should read

“Relation (4.44’) leads to

$$P = \frac{W}{T_0} = \sum_{k=-\infty}^{\infty} |c_k|^2 \frac{T_0}{T_0}$$

or

$$P = \sum_{k=-\infty}^{\infty} |c_k|^2 = \frac{1}{T_0} \int_{T_0} |x(t)|^2 dt \quad (4.63)''$$

Page 177, chapter 4

Figure 4.14 is missing :

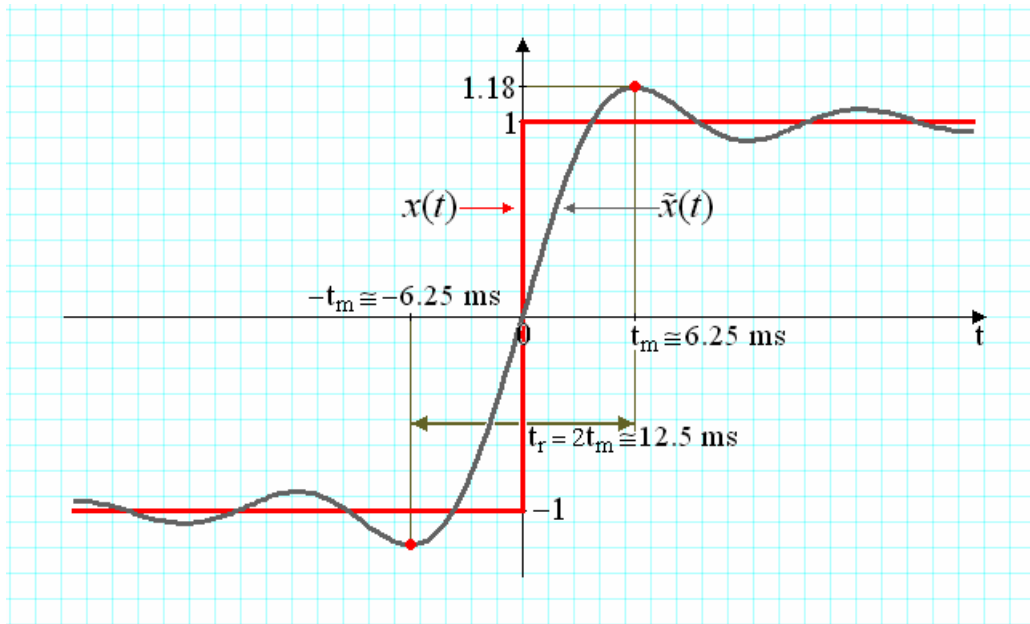


Fig. 4.14 Gibbs phenomenon for a square wave, with $T_0 = 1$ s (duty factor 0.5).