



Example 3-3: Time-Domain Plot of a Beat Note

For a numerical example, we take $f_c = 200$ and $f_\Delta = 20$ Hz so that

$$x(t) = 2 \cos(2\pi(20)t) \cos(2\pi(200)t) \quad (3.12)$$

A *time-domain* plot of $x(t)$ is given in Fig. 3-3(b).

