

Problem 37

In each of Problems 35 through 38, use the result of Problem 34 to find the Laplace transform of the given function.

$$f(t) = t, \quad 0 \leq t < 1;$$

$$f(t+1) = f(t).$$

See Figure 6.3.9.

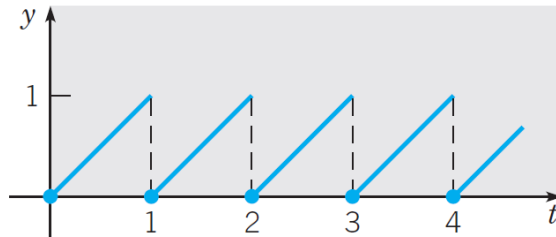


FIGURE 6.3.9 The function $f(t)$ in Problem 37; a sawtooth wave.