

Problem 38

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

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

$$f(t + \pi) = f(t).$$

See Figure 6.3.10.

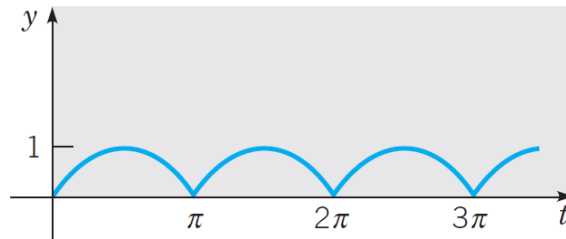


FIGURE 6.3.10 The function $f(t)$ in Problem 38; a rectified sine wave.