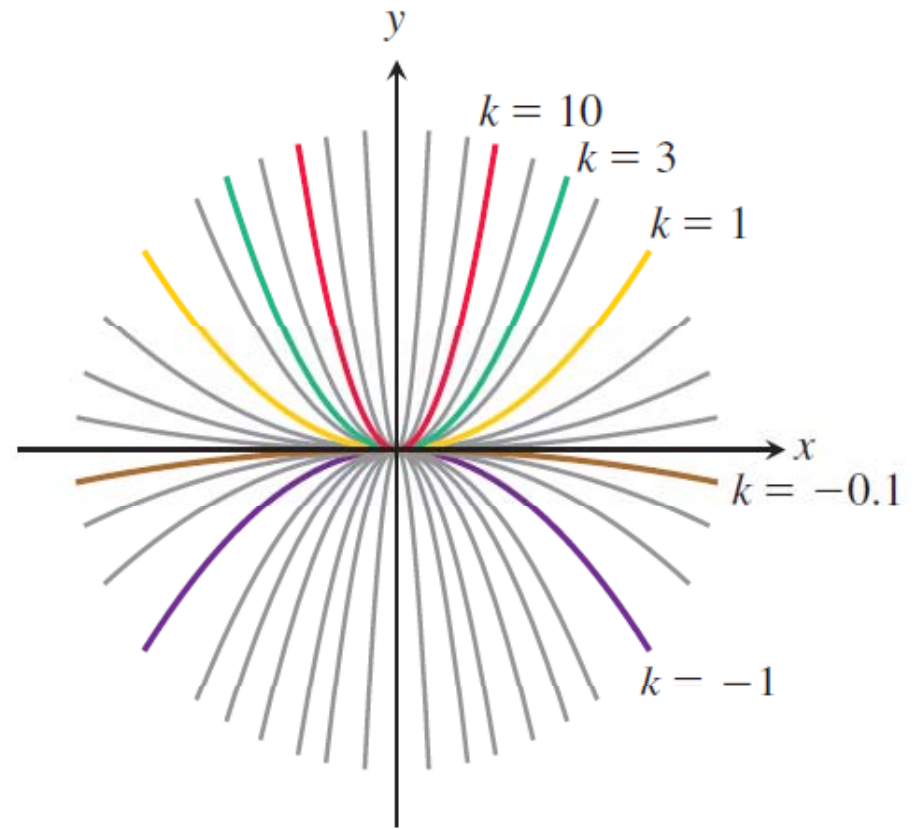


(a)



(b)

**FIGURE 13.15** (a) The graph of  $f(x, y) = \frac{2x^2y}{x^4 + y^2}$ . (b) Along each path  $y = kx^2$  the value of  $f$  is constant, but varies with  $k$  (Example 6).