

Partial Derivatives



Question

The level curves of a function $f(x, y)$ are shown at right. Determine the signs of the partial derivatives at the point P .

- A. $f_x(P) < 0, f_y(P) < 0$
- B. $f_x(P) > 0, f_y(P) < 0$
- C. $f_x(P) < 0, f_y(P) > 0$
- D. $f_x(P) > 0, f_y(P) > 0$

