

Určete vrstevnice v rovině xy pro dané z :

1. $f(x, y) = \frac{1}{x^2 + y^2 + 1}; z = \frac{1}{5}$

2. $f(x, y) = \frac{1}{\sqrt{x + \sqrt{y}}}; z = 1$

3. $f(x, y) = e^{-(x^2 + y^2)}; z = 1$

4. $f(x, y) = 4x^2 + 9y^2 - 1; z = -2$