

MATB41 WEEK 2 QUIZ 1 LEC02

Question 1

Decide whether the function has a limit at $(0, 0)$.

If the limit exists, define $f(0, 0)$ so that the function is continuous at $(0, 0)$.

$$f(x, y) = \frac{x^3 y}{x^6 + y^2}$$