

Math 2374

Section 1.2 #13

(typeset by rogness@math.umn.edu)

#13. Match the following functions to the graphs.

FUNCTIONS

$$A(x, y) = \frac{1}{1 + x^2 + y^2}$$

$$B(x, y) = \frac{x^2 - y^2}{x^2 + y^2}$$

$$C(x, y) = \cos[y]^2 + \sin[x]^2$$

$$D(X, y) = e^{-(x+1)^2 - (y+1)^2} + \frac{1}{2}e^{-(x-1)^2 - (y-1)^2}$$

$$e(x, y) = (x^2 - y^2)^2$$

$$F(x, y) = 1 - x - y$$

GRAPHS

