

Math 251

Quiz 15 - February 22

PRINT Name_____

K.A. Pericak-Spector

Find the local maxima, minima, and saddles for

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

2. $f(x, y) = 4x - 3x^3 - 2xy^2$