Math 3298 Worksheet 39: Newton's Method

Group members (2 to 4): _____

(1) Use Newton's Method to refine the approximate solution $(u_0, v_0) = (\frac{1}{5}, \frac{3}{5})$ for the equations $x^4 + y^4 - 1 = 0$, $x^2 - 2x + y^2 = 0$.