Multivariable Calculus

Week 7

Monday October 10 *Class 15*:

Multivariable Newton's Method. We'll learn one very important application of the Jacobian matrix: the solution of *nonlinear* systems of equations.

Reading:

Williamson & Trotter, (Section 5.5)

Homework #6:

Williamson & Trotter, page 250: 1,4

QUIZ #5 DUE

Wednesday October 12 *Class 16*:

Review for Exam 1. We'll try to brainstorm our way through a concept map of the topics we have covered so far and answer any question related to the practice exam.

Reading:

Williamson & Trotter, (Chapter 1, 2, 4, 5.1-5.4)

Friday October 14:

EXAM 1. In class, open book, open notes.