

AMSC/CMSC 660 Quiz 10 , Fall 2002

Show all work. You may leave arithmetic expressions in any form that a calculator could evaluate. By putting your name on this paper, you agree to abide by the university's code of academic integrity in completing the quiz. Use no books, calculators, cellphones, communication with others, scratchpaper, etc.

Name _____

Student number _____

1. (10) List 5 important things to include in documentation for a Matlab function that someone else needs to read or use.

2. (10) Explain how you would decide whether to choose the Nelder-Meade algorithm, the quasi-Newton algorithm, or the Newton algorithm for minimizing a function of many variables.