Exam #1 (10 March 2009, 7:00-8:40pm, CE110)

- MATLAB programming (details 4 March 2009 in class)
- Taylor series and remaindering
- Numerical differentiation
- Root finding
- Linear algebraic equations and matrices
- Gauss elimination
- Linear regression
- Goodness of fit measures
- Polynomial fit
- Multiple regression
- Lagrangian interpolation

Rules (per syllabus):

- Closed notes and closed books
- One single-sided letter (8 1/2”x11”) size sheet of paper with your own notes and formulas
  - May not include examples, problems, homework or homework solutions
  - Will be turned in along with exam, and will be returned along with exam
- Bring
  - Working calculator
  - Sufficient paper to complete the exam
  - Sufficient writing implements to complete the exam
