

# Math, Problem Set #6, Unconstrained Nonlinear Optimization

OSM Lab, Chris Rytting

Due Monday, July 30 at 11:00pm

1. **Exercises from Chapter 9 Algorithms for Unconstrained Nonlinear Optimization.** Do the following 16 exercises from the end of Chapter 9 of **Humpherys and Jarvis (forthcoming)**:
  - Exercises 9.1 through 9.10, 9.12, 9.15 through 9.18, and 9.20

## References

**Humpherys, Jeffrey and Tyler J. Jarvis**, “Foundations of Applied Mathematics, Volume II: Algorithm Design and Optimization,” forthcoming. SIAM, Philadelphia, PA.