

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

~~9.1~~, ~~9.2~~, 9.3, ~~9.4~~, ~~9.5~~, ~~9.6~~, ~~9.7~~, ~~9.8~~, ~~9.9~~, ~~9.10~~, ~~9.12~~, ~~9.15~~, ~~9.16~~, 9.18, 9.20

References

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