

Homework 9

Submit answers for problems 1 and 2.

1. Exercise T10.14. Use the equality constraint to eliminate one variable and solve the problem using Newton's method for unconstrained minimization. Note that we omit the inequalities $x \succeq 0$.
2. Exercise A8.2.

Problems 3–5 are additional practice problems and will not be graded.

3. Exercise A8.1.
4. Exercise A8.7.
5. Exercise A8.9.