Homework 5

Reading assignment: Chapters 12, 13, 14 in the textbook.

Homework problems. In MATLAB, Octave, and Julia, the command `x = A\b` is used to solve the least squares problem of minimizing $\|Ax - b\|$.

1. Exercise T13.3. The table is also available in the MATLAB file `mooreslaw.m` in the data file directory. Julia users can use `include("mooreslaw.m")`.
2. Exercise T12.12.
3. Exercise A8.3.
4. Exercise A8.11. The commands `x = A\b` and `x = (A'*A)\(A'*b)` also work in Julia.
5. Exercise A8.12.