Outline

- Announcements
  - Add/drop by Monday
  - HWI coming on Friday
- Netlib
- GAMS
- Google

Netlib

- www.netlib.org
- The archetypal library for numerical computing
- Mostly FORTRAN, but some other languages (especially C)
- Source code, distributed freely
  - "Most netlib software packages have no restrictions on their use but we recommend you check with the authors to be sure. Checking with the authors is a nice courtesy anyway since many authors like to know how their codes are being used."
- Can search or browse

GAMS

- gams.nist.gov
- "Guide to Available Mathematics Software"
- Maintained by US National Institue of Standards
- Organized as a classification tree of mathematical problems
  - Linear Algebra
    - **Elementary vector operations**
      - **Elementary vector and matrix operations**
        - BLAS
- Nice Java-based search/browse interface
- Contains links to Netlib & proprietary code

Google

- www.google.com
- Google is the best search engine
  - Assigns each web page a value
  - Value is based on number of pages with links to this page, and their value
  - Means that the first page or two of hits are likely to contain what you want