

# CIS 6930/4930: Sparse matrix algo.: Project 2

Timothy A. Davis  
Computer and Information Science and Engineering Department,  
University of Florida. email: [davis@cise.ufl.edu](mailto:davis@cise.ufl.edu).  
<http://www.cise.ufl.edu/~davis>.

Fall 2007

## 1 Policies

Assigned Monday, Sept 10. Due Monday, Sept 17.

Turn in any new or modified files, via email, but zip them up or tar them into a single archive, first. Be sure to include a description where the files go. I prefer that you have a directory CSparse that mimics the structure of the whole CSparse. Include only the files that you have modified or added. Modify `cs_make` as necessary to not compile your mexFunctions. Use CSparse Version 2.2.0, or CXSparse Version 2.2.0 if you use a 64-bit computer.

Note that for each project, it is **vital** that you start with a fresh copy of CSparse (unless instructed otherwise). Otherwise, your code may fail when I try to compile it (if it relies on code from an earlier project, for example).

You may not look at any other student's code.

## 2 Problem (A)

Do Problem 2.18 in the book.

## 3 Problem (B)

Do Problem 2.20 in the book.