

Announcements for Monday, Nov. 6, Math 1553 E6-E9

- Tuesday's office hours this week are 10:30 AM - 12:00 PM. Wednesday's office hours are as usual this week.
- The quiz this Friday (Nov. 10) covers 5.1 and 5.2.
- Webworks for sections 5.1 and 5.2 are due this Wednesday, Nov. 8, at 11:59 PM.
- Topics: diagonalization (5.3) and complex eigenvalues (5.5). A matrix is diagonalizable if it is similar to a diagonal matrix. Computations involving diagonalizable matrices can be done much faster than otherwise.

Some real matrices have complex numbers for eigenvalues, for example, $\begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$. We will study these on Wednesday.