

- The **quiz this Friday (Nov. 3)** covers all material we did in **chapter 3**.
- Webworks for sections **3.1 and 3.2** are due this **Wednesday, Nov. 1, at 11:59 PM**.
- Big topics of the week: eigenvalues and eigenvectors. These are tools which tell us a great deal about a matrix does, and can simplify matrix computations.

Myriad uses in science, engineering, and medical imaging.

From a strict linear algebra standpoint, they can allow us to switch from the standard basis to a situationally more convenient basis.