October 14, 2016

Finish up Conditioning & more iterative intro

In this class:

- *Why solving a linear system on the computer can be really hard. (Conditioning & Stability)*
- *Matrix norms & the condition number of a linear system*
- *The Richardson method for solving Ax=b with only matrix-vector products!*

Next class

Eigenvalues
Chapter 12.1

Next next class

Eigenvalues
G&C – Chapter 12.1

Julia demo of computers not solving Ax=b