

# Cole Group Meeting Notes

MAY 1<sup>st</sup>, 2025

DAS

## Last Week's Accomplishments

- ME 2046 Project complete.
  - ↳ Probably 70% of the way to a paper
  - Needs some editing and better intro
  - ↳ But, it works! very well. Reduced RMSE by 30%.
- NUCE 2113 Final Complete
  - ↳ Was this really a statistics class all along?
- ME 2150 Final report complete.
  - ↳ This class has really made me think in a requirements and write spec specification mindset.
- Reading.
  - ↳ Started reading about Auto Cocode. They put the code in the Isabelle / HOL file? <sup>Crush?</sup>
  - ↳ Read ~~some~~ Tried to find more papers<sup>ATP</sup> about NN/CH/FM
- I'm enrolled in fall classes!

## This Week's Plan

- Get I2C boards running
- Practice some TLA+
  - ↳ What are some good problems?
  - ↳ Ping stocking problem.
- ★ Get my feet wet using NN to approximate dynamical systems.
- Make a list of things to do for ~~TurboSAR~~ TurboSAR paper
- ★ Figure out travel plans for NASA FM conference

Dan

~~Things to consume~~  
- Clockwork orange  
- Brave new world