<u>E157 Lecture 4 Day Plan</u>

Any questions before quiz

Quiz + Team Quiz + Talk through solution

Check on lab submission – psets uploaded to Sakai Dropbox, lab uploaded to Gradescope, self-grade

Lab review – Assumptions, Axes, S parameter experience

Schedule modifications – lab due dates, midterm

Lab length calibration

Falling edges for square waves – a superposition of a negative step propagating down the line + DC volts

Complex number visualizations for VSWR – counterspinning vectors, spinning Gamma plus one vector

Where are nodes in a standing wave for real Gamma? – for real Gamma, node/antinode at termination

Check-in, office hours