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Topics to study for ENEE 510 final exam – open book, open notes

1. Constant R meaning and calculation, input and R-loaded V2/V1
2. First Cauer synthesis
3. Meaning of Positive Real and behavior on jw axis
4. State space equations; setting up and getting transfer function
5. Piecewise linear systems versus linearones
6. Hurwitz polynomials and testing via reactance functions
7. Semi-state equations for a 3-port
8. 3-OTA 2-port admittance matrix and equivalent & loaded input