ECE 5320/6322

Material Covered for Midterm I

Text Sections 1.1

Text Sections 2.1,2.2, 2.3,2.4;
(also several matching problems involving impedance or admittance
formulation using Smith Chart)

Text Sections 3.5, 3.7, 3.8,3.11 (the Coaxial Line, the Strip Line, and the
Microstripline)

Text Section 4.3 (the Scattering Matrix p.174, Reciprocal Networks and
Lossless Networks p.177, Generalized S-parameters pp.181/182)

Text Section 4.5 and handout Notes for Chapter 4 (Signal Flow Graphs,
The Mason's Formula for solving 2-,3- and 4-port Circuits)

Text Section 11.1 (3rd. Edition) or Section 12.1 (4th. Edition)[Two Port Power
Gains]

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