

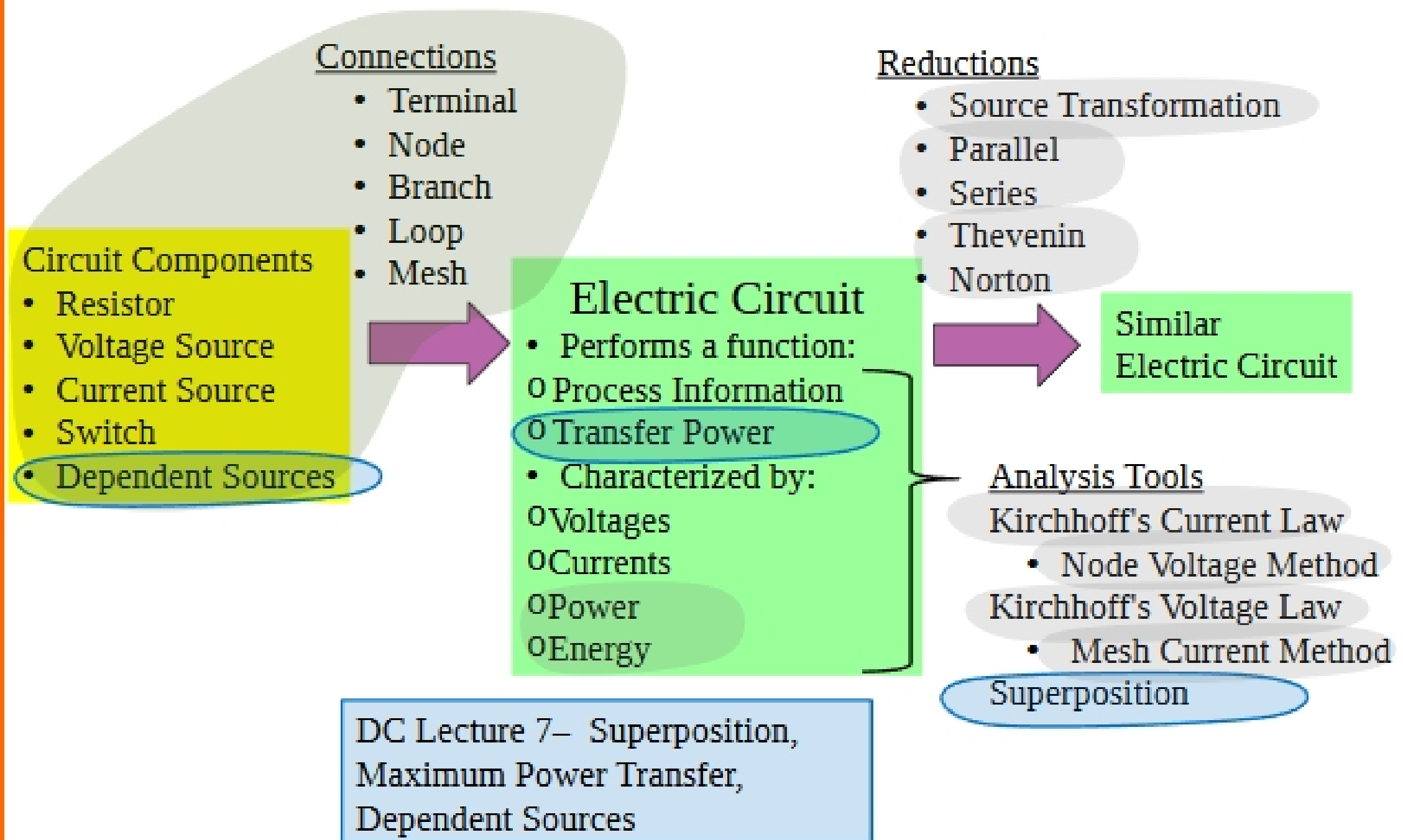
ECE 2070 - Lecture 7

Superposition, Maximum Power Transfer, and Dependent Sources

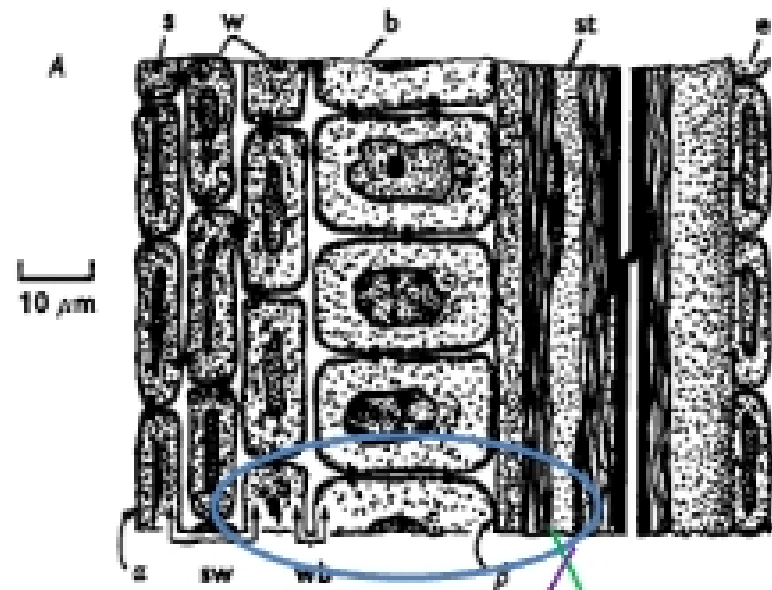


Department of Electrical and Computer
Engineering
Clemson University

Overview of DC Electric Circuits



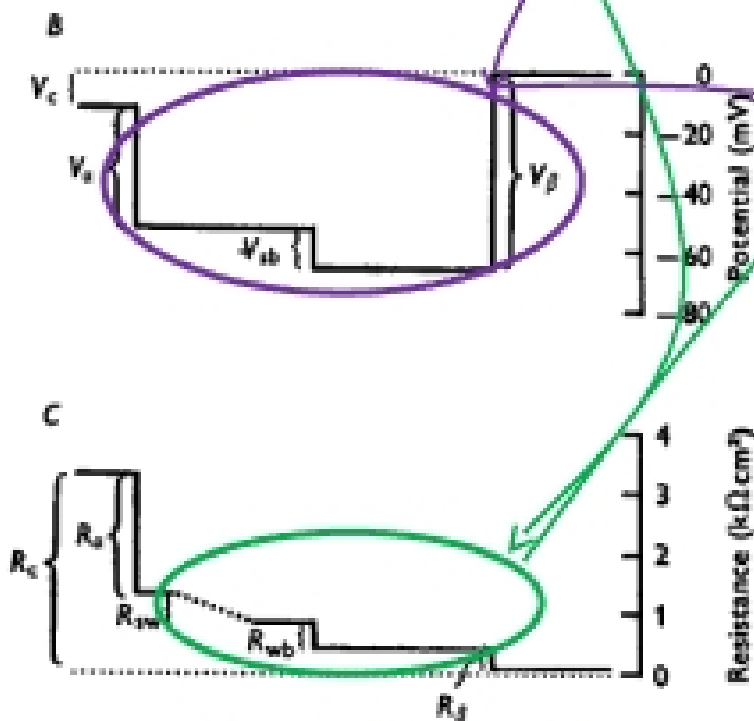
Thevenin Equivalent Circuit to Understand Biological System



Journal of Physiology

“ In order to demonstrate the relative importance of extracellular shunt pathways upon epithelial parameters of membrane potential and resistance, a simple Thevenin equivalent model was used ... ”

Thevenin equivalent circuit used to lump the electrical behavior of part of the tissue (a subcircuit of the whole circuit)



Cornea Membrane

