

**Homework 2**  
**EE 220 Circuits I Spring 2017**  
**Friday, September 01, 2017**

- 1) pp2.2
- 2) 2.3
- 3) 2.9
- 4) 2.12
- 5) 2.33 Also, find the equivalent conductance  $G_{eq,S}$  seen by the source.
- 6) 2.34 Also, find the equivalent **conductance  $G_{eq,S}$**  seen by the source **as well as the current through and voltage across the 200  $\Omega$  resistor.**
- 7) Find the number of branches  $b$ , nodes  $n$ , and independent loops  $l$  in the circuit of problem 2.34.
- 8) 2.53a

**Due Friday, September 8, 2017.**