Homework Set 5
EECE2412: Electronics– Fall 2014
Due Wednesday, 16 Oct 2024

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2 October 2024

File: 12521/hw5.tex

1 Ideal Diode

Solve Problem 3.16 in the Text (Hambley).

2 Battery Charger

Solve Problem 3.24 in the Text (Hambley). Note that there is no capacitor in this circuit as there is in our AC–to–DC power supplies. Why not?

3 DC and AC Models

Solve Problem 3.53 in the Text (Hambley).

4 PSpice

Solve Problem 3.92 in the Text (Hambley).

5 Diode Logic

Solve Problem 3.43 in the Text (Hambley).