

ECEn 450, Winter 2010  
Homework #1  
Due January 12, 5:00 pm

From the text Semiconductor Devices, Physics and Technology, do the following problems: Chapter 10, problems 1, 2, 4, 5, 10

10.4 Hint: The molecular weight of Boron is 10.81. Assume the volume is spherical.

10.5 Hint: The density of Silicon is  $2.33\text{g/cm}^3$

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