

Homework 9
EE 362 Electronic, Magnetic, & Optical Properties of Materials (Spring 2024)
Friday, April 12, 2024

- 1) 10.2a Also, find ϕ_p .
- 2) 10.4 Hint: Read Example 10.2.
- 3) 10.10 Also, find $|Q_{SD}'(\max)|$ and C_{ox} .
- 4) 10.16
- 5) 10.23abc
- 6) 10.24abc

Due Wednesday, April 17, 2024.

Notes:

- Carry *at least* 6 significant figures on constants/parameters in calculations. Give answers with 4-5 significant figures.
- If a solution requires the use of a graph, include the graph with work shown.