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Chapter 2

Page 60 Third Exercise: 32.0 mA/cm^2 → 320 A/cm^2

Chapter 3

Page 78 Example 3.2: $N_D = 10^{20}/cm^3$

Page 79 Exercise: 178 kV/cm

Page 92 Exercise: 90.1 nf/cm^2

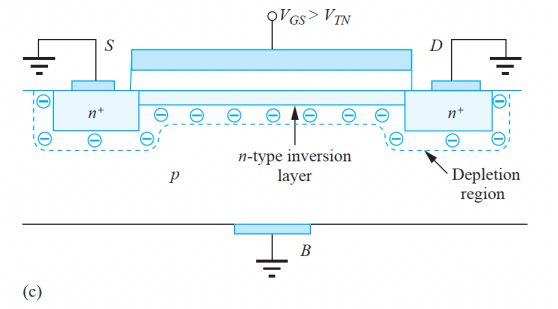
Chapter 4

Page 168 Exercise: 0.933 V → 0.733 V

Page 194 Exercise: Use BF = 75

Chapter 5

Page 217 Fig. 5.5(c): Inversion layer arrow correction



Page 251 583 → 5830

Page 258 Ex-2 0.251 nA, 2.1

Ex-3 18.4

Ex-4 92.5 mV, 45.6 uA, 79.1 mV, 0.513 uA

Page 261 Last answer 1.12x 10^9

Page 274 Exercise should refer to Fig. 5.46.

Page 279 Use equation set on page 229

Chapter 7

Page 356 Exercise 10^4 → 10^{-4}

Page 387 “weak inversion” should be “weak inversion slope”

01/28/23

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Chapter 9

Page 553 The problem should refer to Fig. 9.4.

Page 599 The problem should refer to Fig. 9.46.

Page 600 6.27 MHz → 6.37 MHz

Chapter 10

Page 662 Exercise -20, 1.5 kΩ, -3.00 V, -100 μA; +21, infinity, +3.15 V, 100 μA

Chapter 12

Page 802 5.62 → 5.65

Page 816 (b) V_O = 0.21328125 V

Chapter 13

Page 870 17.4 fA → 0.173 fA

Page 872 A_{dc}: 0.364 → 0.0818

Chapter 14

Page 967 96.6 MΩ → 97.5 MΩ

Page 974 0.009 → 0.04