

ECE 3030 Spring 2025 HW 9 Hints

1. Lecture 31, slides 7 -12. S&B Eqs. 6-2 – 6-10. Remember $1/\rho = \sigma$.
2. S&B, Eq. 6-10. Hand plot ok. Computer plot: +5 pts.
3. Hand plot ok. Computer plot: +5 pts.
4. Hand plot ok. Computer plot: +5 pts.
5. Use Eq. 6-15 for Φ_F , then for W_m , Q_d , and V_T .
6. S&B Eq. 6-36 for C_{\min} . Eq. 6-33 for V_T . Eq. 6-35 for C_d .