

ENEE 380. Homework #5

4/17/03 due 4/24/03

(1) Cheng Problem (4.17)

(2) Cheng Problem (4.21)

(3) Cheng Problem (4.23)

(4) Cheng Problem (4.24)

(5) Cheng Problem (4.27)

(6) Cheng Problem (4.29)(Challenge Question)

(7) A point charge of 1nC is placed 10mm above an infinite planar conductor. Produce a 3-D plot of the charge density on the conductor as a function of position.