ENEE 680: Homework #4

Due: Tuesday Nov. 3, 2009

Jackson: Problems

3.2, 3.5, 3.16  b, and d, 3.17 a

A conducting sheet lies in the x-y infinite half plane (x>0). A current I is injected at the point (x0, 0). Find an expression for the potential and electric field in the conductor.