Universidad de Puerto Rico Recinto Universitario de Mayagüez Departamento de Ingeniería Eléctrica y Computadoras

INEL 4151 Asignacion #7: Nombre:		Semana de lunes 11 de noviembre de 2013. Sección:	
2.	axis and carries an evenly di (a) Determine the value of the	rical shell of radius 4.0 cm is centered on the z- istributed current of 10.0 mA in the +z direction. he surface current density on the conductive n of radial distance from the z-axis over the range	
3.	rectangle ABCD with A(2, 0,	he function $\mathbf{H} = y^2 \mathbf{a_x} + x^2 \mathbf{a_y}$ A/m using the 0), B(2, 4, 0), C(0, 4, 0), and D(0, 0, 0). (Clue: should be directed in same direction of line	