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

INEL 4151 Asignacion #6:	Semana de lunes 14 de noviembre de 2011.
Nombre:	Sección:
<b>.</b>	re located in free space at $\rho=1$ cm and $\rho=3$ cm s $20$ mV and $-10$ mV, respectively. Find V and $-10$ mV in ders.
	ocated in the $z=0$ plane, while a point charge Q is e method of images, find the force, $\mathbf{F}$ , acting on a $a$ , $a$ , $a$ , $a$ .
conductors separated by 2 r directions. Determine the m	on line consists of two parallel infinite n each carrying a current of 100 A in opposite agnitude of the force felt by one the cables due to ther. Is the force attractive or repulsive?