Homework 7.

1) Find the potential function for the region between the parallel circular disks of Fig.1. Neglect fringing.

2) In spherical coordinates, V=0 for r = 0.20m, and V = 50 V for r =1.0m. Assuming free space between these (Fig.2) concentric spherical shells, Find the electric field in the region between the two shells.
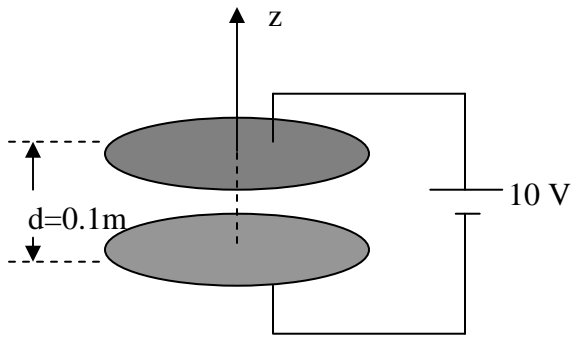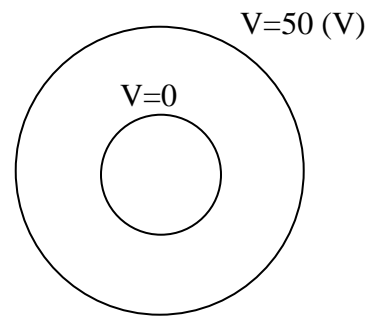

Fig. 1.

Fig. 2.