Name _____
Physics 51M Section ___ Box # _____
Problem Set 3
23 September 2019

Collaborators:

HRK E36.40 Figure 26-36 shows a Thomson atom model of helium $(Z = 2)$. Two electrons, at rest, are embedded inside a uniform sphere of positive charge $2e$. Find the distance d between the electrons so that the configuration is in static equilibrium.

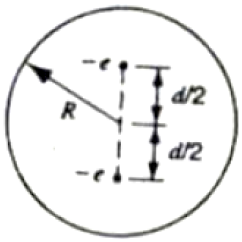

FIGURE 26-36. Exercise 40.

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