

Read

HR&K, Vol. 2	Ch. 25, Ch. 26
Purcell	Ch. 1, Sec. 1.1 - 1.4, 1.7, 1.8

Solve

From HR&K

Ch. 25 Problems 1, 3

Ch. 26 Exercise 16. Problems 4, 6, 9, 12, 14

From Purcell

Ch. 1 Problems 1.36

1.37(a) (give exact answer for Q and answer the following question:

Is the system in a stable equilibrium?)

1.12

Problem 1. On each corner of a cube of side l there is a point charge Q . What is the magnitude of the force on each charge due to the others? Give also the answer in vector notation for the force on the charge at the origin.

