Engineering Physics Mod 01

## Module 01 Homework

- 1. The average distance between the electron and proton in a Hydrogen atom is  $79.38\,\mathrm{pm}$ .
  - 1. Compute the magnitude of the electrostatic force between the electron and proton at this distance.
  - 2. Compute the electric potential of the Hydrogen atom in this configuration.
- 2. 1.
  - 2.

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