

E-10

**BINDING ENERGY OF AN ELECTRON TRANSFERRED FROM A UNIVALENT ANION TO A SOLVENT**

**K. Tennakone**

*(Department of Physics, Vidyodaya Campus)*

**R. H. Wijayanayaka**

*(Department of Chemistry, Vidyodaya Campus)*

The energy eigenstates of an electron transferred from a univalent anion into a solvent are calculated by taking into account the monopole and dipole terms of the electrostatic potential to which it is subjected. It is shown that the ground state binding energy is not impossibly high as indicated in the previous theories.