ANALYTICAL TREATMENT OF THE ASYMMETRIC SPINLESS SALPETER COULOMB PROBLEM

Y. CHARGUI and A.TRABELSI

Unité de Recherche de Physique Nucléaire te des Hautes Energies, Faculté des Sciences de Tunis,
Tunis, Tunisia.

ABSTRACT. An analytical treatment of the two-body asymmetric spinless Salpeter equation with a Coulomb interaction is presented. The exact bound-state energy equation associated to the s-waves is obtained.