



Семинар
«МАЛОЧАСТИЧНЫЕ СИСТЕМЫ»
вторник, 14 февраля 2017 г., 11:00
аудитория им. Д.И.Блохинцева (4 этаж)

THE RARE GAS CLUSTERS

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This work is aimed at a theoretical investigation of the rare gas atomic clusters. Bound-state energies and wave functions have been calculated for all possible homogeneous and heterogeneous pairs of the rare gas atoms He, Ne, Ar, Kr, Xe, and Rn. Furthermore, based on the Faddeev differential equations in the total angular momentum representation, we have calculated the lowest binding energies for the neon trimer. The results obtained are compared with previous published results.