

# Ground states for an Hartree-Fock type system

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## Abstract

We present some existence and nonexistence results of an Hartree-Fock type system made by two Schrödinger equations in presence of a Coulomb interacting term and a *cooperative* pure power and subcritical nonlinearity.

*Joint work in collaboration with Liliane Maia and Gaetano Siciliano.*

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