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The two-electron molecule ion, H3+, in a magnetic field NICO-LAIS GUEVARA-LEON, Quantum Theory Project, Physics Department, University of Florida — The lowest electronic states of the two-electron molecular system, H3+, in linear parallel configuration in a magnetic field is investigated. Evolution of the ground state with a magnetic field increase is studied and it is shown that the quantum numbers of the state of the lowest total energy ground state depend on the magnetic field strength.

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