

CHAPTER OVERVIEW

19: Multi-Determinant Wavefunctions

Corrections to the mean-field model are needed to describe the instantaneous Coulombic interactions among the electrons. This is achieved by including more than one Slater determinant in the wavefunction.

[19.1: Introduction to Multi-Determinant Wavefunctions](#)

[19.2: Different Methods](#)

[19.3: Strengths and Weaknesses of Various Methods](#)

[19.4: Further Details on Implementing Multiconfigurational Methods](#)

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