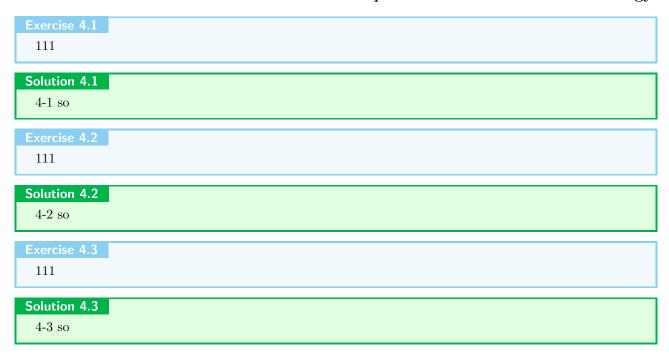
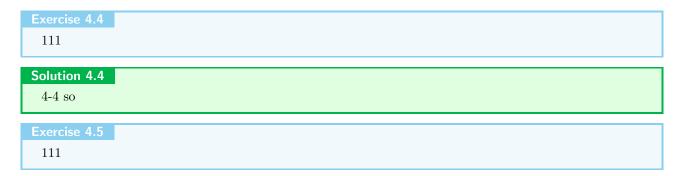
CHAPTER 4

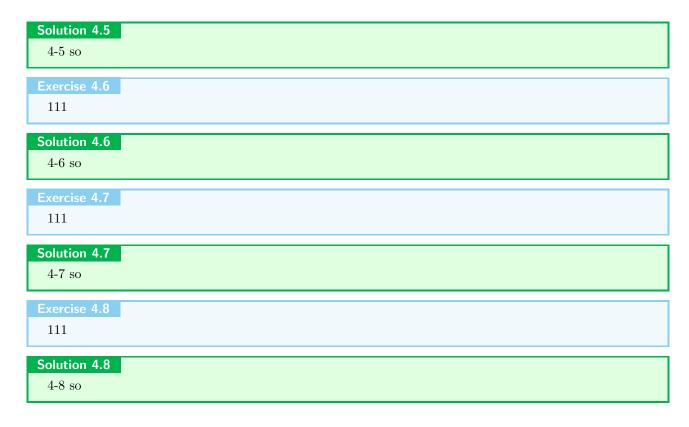
Configuration Interaction

- 4.1 Multiconfigurational Wave Functions and the Structure of the Full CI Matrix
- 4.1.1 Intermediate Normalization and an Expression for the Correlation Energy



- 4.2 Doubly Excited CI
- 4.3 Some Illustrative Calculations
- 4.4 Natural Orbitals and the One-Particle Reduced Density Matrix



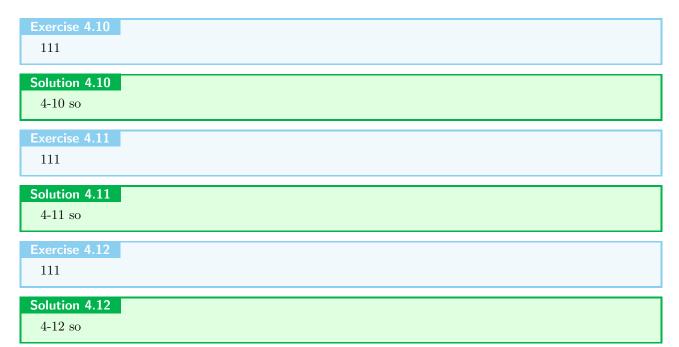


4.5 The Multiconfiguration Self-Consistent Field (MCSCF) and Generalized Valence Bond (GVB) Methods

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Exercise 4.9
111

Solution 4.9
4-9 so
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4.6 Truncated CI and the Size-Consistency Problem



Exercise 4.13		
Solution 4.13 4-13 so		
Exercise 4.14		
Solution 4.14 4-14 so		
Exercise 4.15		
Solution 4.15		