

SECTION OVERVIEW

5.3.1: Homonuclear Diatomic Molecules

In this section you will be introduced to the molecular orbital diagrams of several homonuclear diatomic molecules. Homonuclear diatomic molecules are molecules made of exactly two identical atoms, and they are relatively simple.

5.3.1.1: Molecular Orbitals

5.3.1.2: Orbital Mixing

5.3.1.3: Diatomic Molecules of the First and Second Periods

5.3.1.4: Photoelectron Spectroscopy

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