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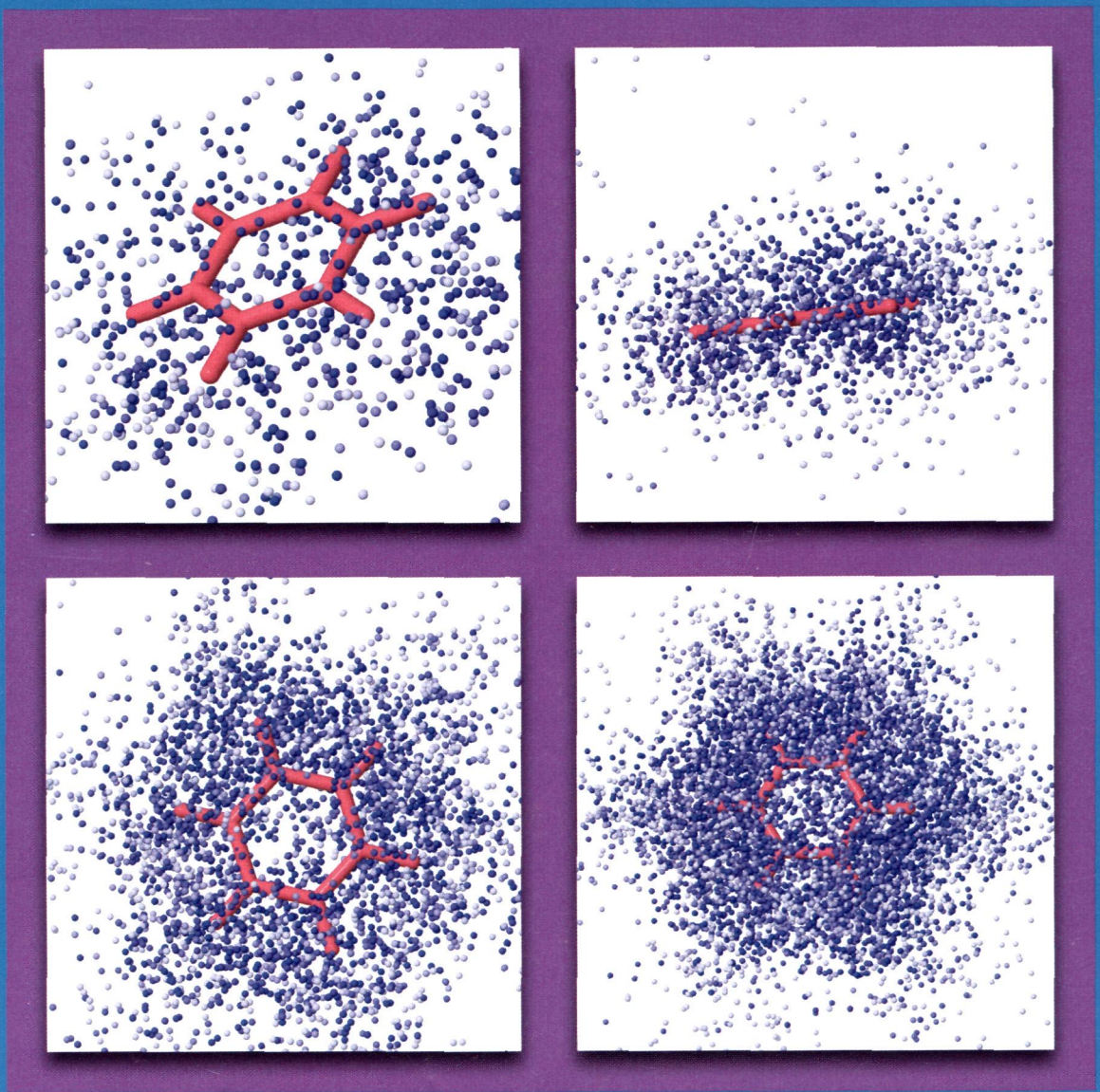

Electron–Electron Walker Pairs in Monte Carlo Second-Order Many-Body Perturbation Theory (see page 5A)

ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY, GEOCHEMISTRY, AND ASTROCHEMISTRY; THEORY

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ON THE COVER: Cover graphics show the distribution of electron coordinates in the first 1000 (top left), 2000 (top right), 4000 (bottom left), and 8000 (bottom right) electron−electron pairs generated by the Metropolis algorithm in a Monte Carlo second-order many-body perturbation calculation of benzene. The darker shade of blue means a shorter electron−electron distance, where the Coulomb repulsion is greater. See page 655.

Feature Article

Articles

Kinetics and Dynamics

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Molecular Structure, Quantum Chemistry, and General Theory

Additions and Corrections

Ⓢ Supporting Information available via online article