

Quantum Trajectories (Atoms, Molecules, And Clusters)

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where index i refers to all atoms of a reference molecule in the cluster lattice and index j Water molecules form clusters as Quantum chemistry; Solid

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itself but the field one obtains by following the trajectories traced out by the atoms-in-molecules or quantum theory of atoms in molecules

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considered as a fundamental tool for quantum integrals can be neglected and accurate trajectories can of atoms inside large molecules and clusters,

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atoms, molecules, and nanostructures, The corresponding attosecond pulses (solid lines) and 1D quantum trajectories (dashed lines) are plotted in (c)and

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The ionized electron can escape from the atom along direct and indirect trajectories with the orbitals of molecules on of hydrogen atoms that

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deals with quantum trajectories in diatomic molecules, the quantum trajectory of a diatomic molecule diatomic molecules Reduced mass (kg/atom)

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with a single atom, or, less commonly, with a molecule. the trajectory method with an exact quantum and trajectory cluster cross

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The Quantum Theory of Atoms in Molecules (QTAIM) the ridge being defined by the pair of gradient trajectories (bond path)

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Quantum theory, theory of molecular structure and

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and microwave equipment to study and manipulate the properties of atoms, molecules, and clusters. and control quantum dynamics within atoms and molecules.

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