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Quantum chemistry computer programs are used in computational chemistry to implement the methods of quantum chemistry. Most include the Hartree-Fock (HF) and some post-Hartree-Fock methods. They may also include density functional theory (DFT), molecular mechanics or semi-empirical quantum chemistry methods. The programs include both open source and commercial software.

List of quantum chemistry and solid-state physics software

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SSC 2018 : Solid State Chemistry 2018

Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy. It is the largest branch of condensed matter physics. Solid-state physics studies how the large-scale properties of solid materials result from their atomic-scale properties. Thus, solid-state physics forms a theoretical basis of materials science.

Solid-state physics - Wikipedia

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1 . ANDAs: Pharmaceutical Solid Polymorphism Chemistry, Manufacturing, and Controls Information . This guidance, represents the Food and Drug Administration's (FDA's) current thinking on this topic.

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