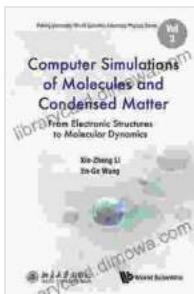


# From Electronic Structures to Molecular Dynamics: Unlocking the Secrets of the Microscopic World

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### Computer Simulations Of Molecules And Condensed Matter: From Electronic Structures To Molecular Dynamics (Peking University-world Scientific Advanced Physics Series Book 3) by Anita Ganeri

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File size : 14227 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 279 pages

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- Quantum mechanics: The cornerstone of understanding the behavior of matter at the atomic and molecular level.
- Electronic structures: The arrangement of electrons within atoms and molecules, shaping their chemical properties.
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- Advanced computational methods: The powerful tools used to simulate and analyze complex molecular systems.

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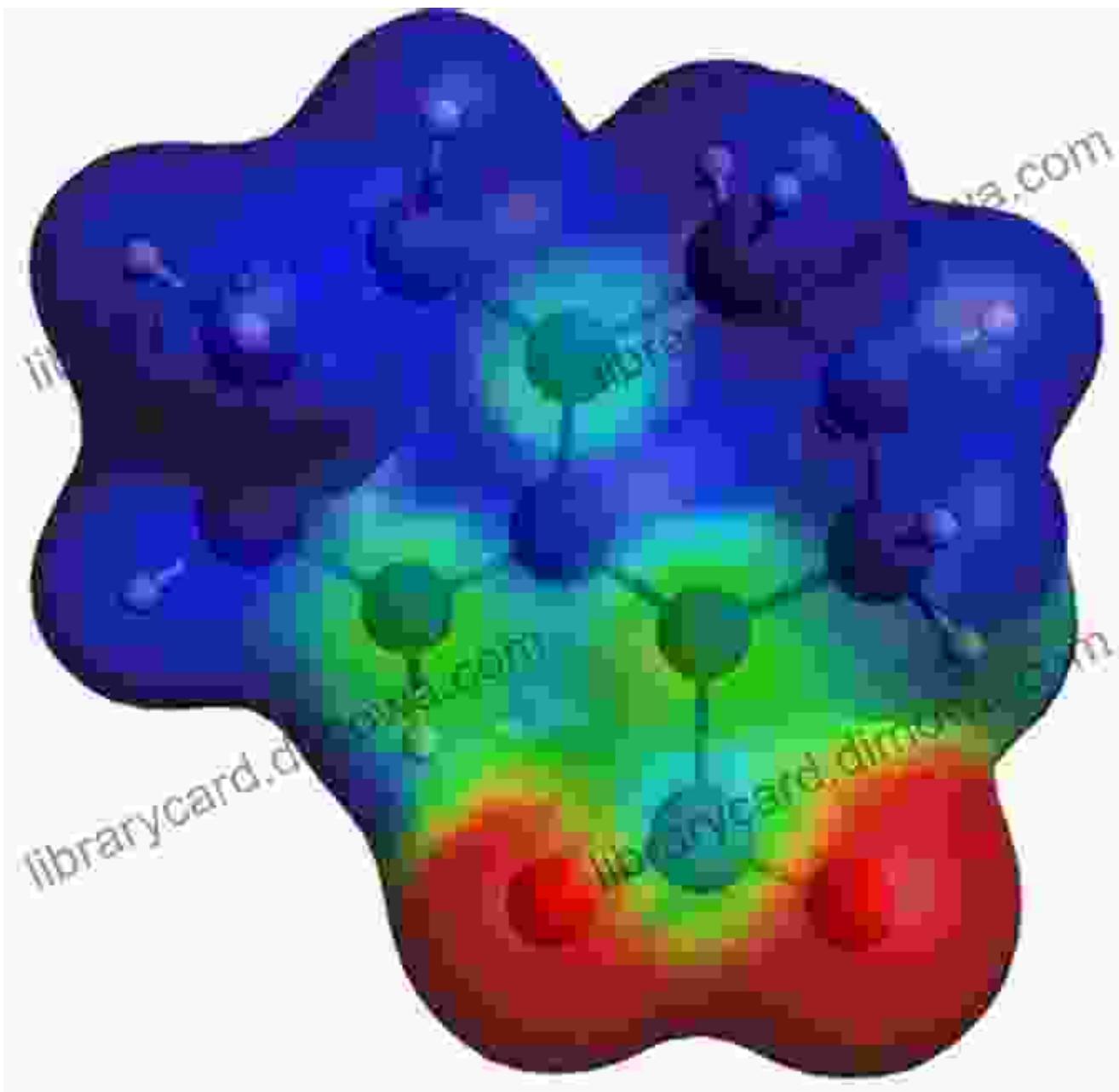
materials with tailored properties and the elucidation of complex biological mechanisms.

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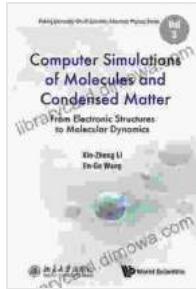
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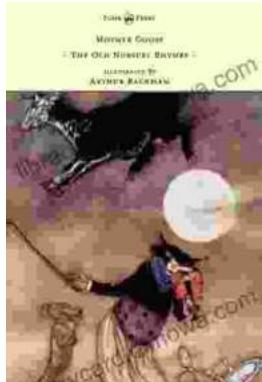
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