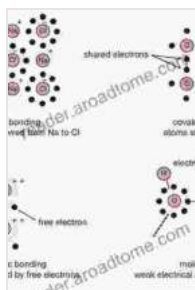


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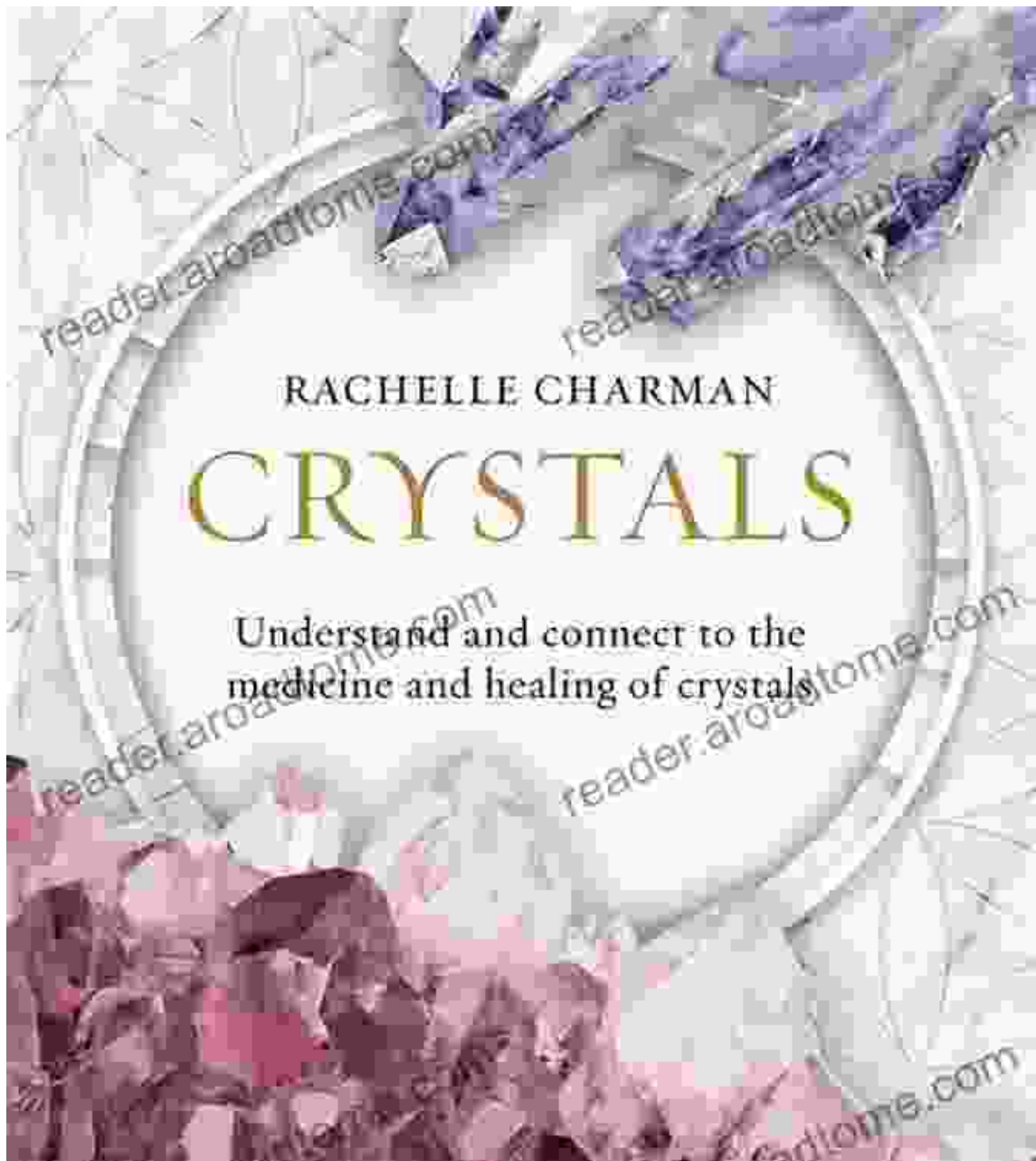
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By Michael O'Keeffe and Anthony Stoneham

Publisher: Oxford University Press

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: 9780198818799

"Structure and Bonding in Crystals" is a comprehensive and engaging exploration into the captivating world of crystal structure and bonding. This authoritative text delves deep into the intricate world of crystals, offering a deeper understanding of their mesmerizing forms, remarkable properties, and the fundamental forces that govern their behavior.

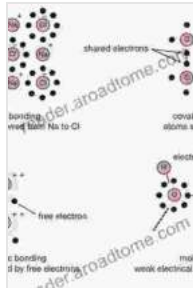
With masterful clarity, authors Michael O'Keeffe and Anthony Stoneham guide readers through the complexities of crystallography, inorganic chemistry, and solid state chemistry. They introduce the fundamental concepts of crystal structure, including lattice types, symmetry, and bonding. They then explore the interatomic interactions that determine a crystal's stability and properties, such as lattice energy, crystal field theory, and molecular orbital theory.

This comprehensive text is not only an invaluable resource for students and researchers in materials science and chemistry, but also a fascinating read for anyone with a passion for understanding the hidden world of matter. It is a captivating journey into the realm of crystals, where the interplay of structure and bonding creates a symphony of materials with astonishing properties.

Whether you are a seasoned expert or a curious novice, "Structure and Bonding in Crystals" will ignite your fascination for the captivating world of crystals. Immerse yourself in its pages and discover the intricate beauty and profound implications of crystal structure and bonding.

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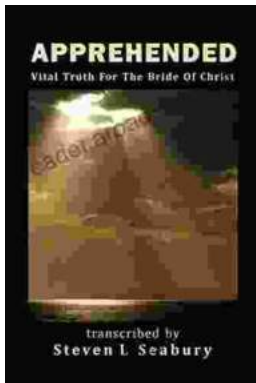
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