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Essentials of Crystallography presents a comprehensive study of the essential aspects of crystallography. The topics include a detail discussion of geometry and symmetry of crystals, a simplified approach to derive the point groups and space groups, methods of crystal growth and related theories, imperfections in crystalline solids, various diffraction methods, procedures for solving crystal structures and computing methods in crystallography. Keeping in view the diverse nature of readers, the treatments and the mathematics used in the book have been kept as simple as possible. This book will serve as a textbook to any crystallographic course at the graduate level. In addition, this will be helpful for all researchers in physics, chemistry, biology, mineralogy etc. who are working with crystallography related problems.