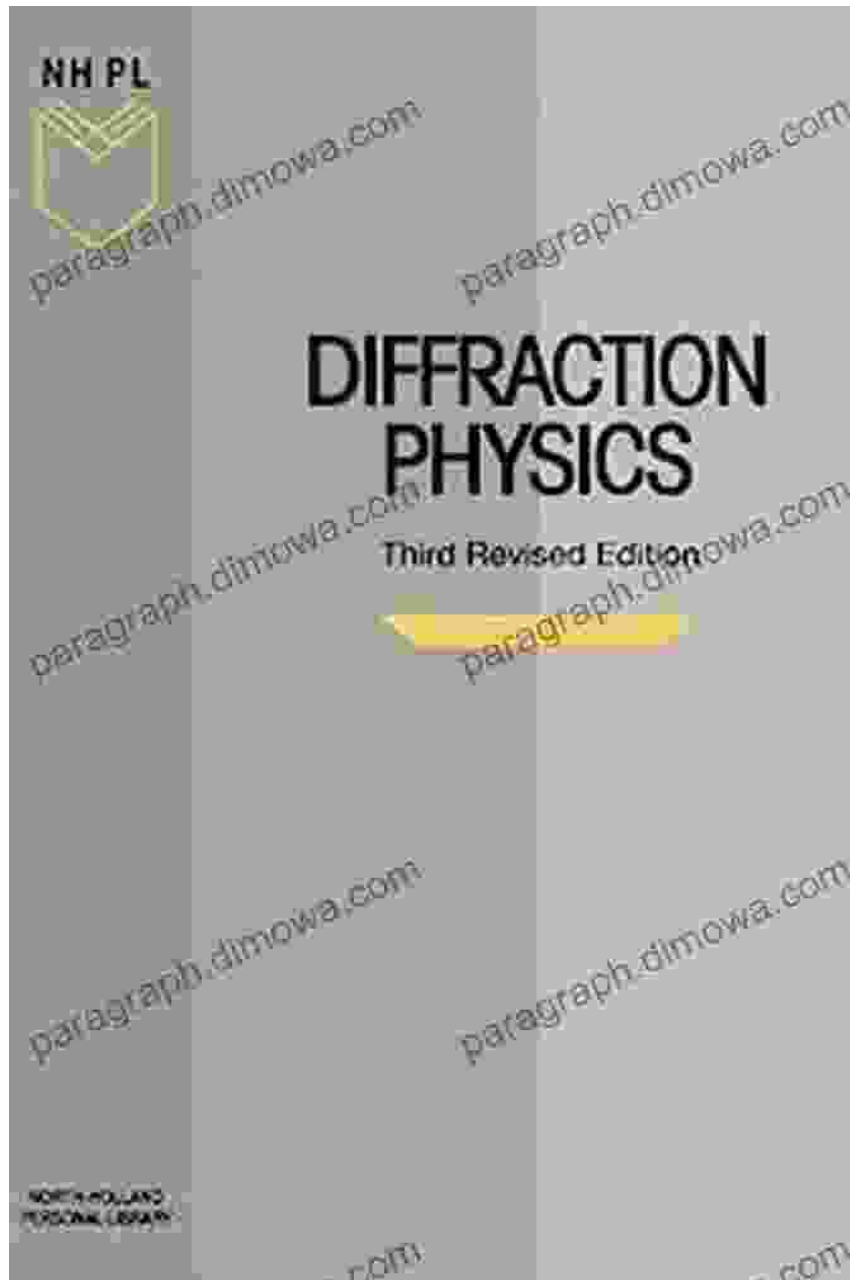
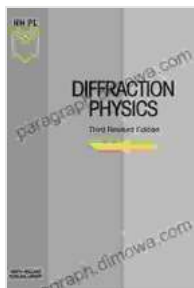


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Diffraction Physics (North-Holland Personal Library)

by J. M. Cowley

★★★★☆ 4.5 out of 5

Language : English
File size : 13845 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 499 pages
Screen Reader : Supported



Delving into the Heart of Diffraction

Diffraction is an intriguing phenomenon that occurs when a wave encounters an obstacle or aperture, resulting in a deviation in its path. This book explores the underlying principles governing diffraction, meticulously explaining the concepts of Huygens-Fresnel principle, Fraunhofer and Fraunhofer diffraction, and grating diffraction.

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With each chapter, the book unravels the fascinating world of diffraction, unveiling its indispensable role in diverse applications. It explains how diffraction patterns hold invaluable information about the structure and properties of materials, enabling scientists to probe the atomic and molecular levels.

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- Comprehensive discussion of holography, microscopy, and X-ray diffraction
- * to nonlinear diffraction and emerging research frontiers *
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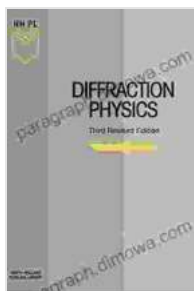
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