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Titolo	Optics for the New Millennium : An Absolute Review Textbook // edited by KAMRAN RIAZ, G. Vike Vicente, Daniel Wee
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Nota di contenuto	Section I: Ophthalmic Optics For Written Exam -- Chapter 1. Geometric Optics -- Chapter 2. Prisms -- Chapter 3. Lenses -- Chapter 4. Mirrors and Combined Systems -- Chapter 5. Power of Lenses in Different Media -- Chapter 6. Lens Effectivity -- Chapter 7. Schematic Eye -- Chapter 8. Magnification and Telescopes -- Chapter 9. Accommodation and Presbyopia -- Chapter 10. Spherocylindrical Lenses -- Chapter 11. Astigmatism -- Chapter 12. Glasses for Written Exams -- Chapter 13. Contact Lenses for Written Exams -- Chapter 14. Physical Optics and Advanced Optical Principles -- Section II: Ophthalmic Optics for Oral Exams and Clinical Practice -- Chapter 15. Glasses in Clinical Practice -- Chapter 16. Construction of Glasses -- Chapter 17. Optical Instruments -- Chapter 18. Visual Activity Testing and Assessment -- Chapter 19. Low Vision and Vision Rehabilitation -- Chapter 20. Contact Lenses in Clinical Practice -- Chapter 21. Clinical Problems with Optics and Refractive Manifestations -- Chapter 22. Optics for Clinical and Surgical Management of Strabismus -- Chapter 23. Pediatric Optics -- Chapter 24. Myopia Control -- Chapter 25. Optics in Micro-Gravity and Zero-Gravity Conditions -- Section III: Ophthalmic Optics for Surgical Practice -- Chapter 26. Preoperative Optics for

Cataract Surgery -- Chapter 27. What's on the Menu: An Overview of IOLs and Relevant Optics -- Chapter 28. Intraoperative Optics for Cataract Surgery -- Chapter 29. Postoperative Optics for Cataract Surgery -- Chapter 30. Optics for Refractive Surgery.

Sommario/riassunto

This textbook serves as a comprehensive manual on Optics that includes both didactics and assessment questions in an easy-to-read format. It provides an educational and entertaining resource that reinforces the relevance of the subject matter to modern clinical and surgical ophthalmology practice. The book offers a one-stop compendium for students studying for certification exams and for practicing ophthalmologists to review and learn Optics that will have relevance to their day-to-day practice. Chapters are written in a teaching-oriented style and include hi-yield summaries, 375+ original figures, and 190+ review questions. The book is divided into three areas of focus: Written Exam Preparation Oral Exam Preparation and Clinical Practice Ophthalmic Optics for Surgical Practice Optics for the New Millennium is a must-have resource for ophthalmology residents as well as practicing ophthalmologists with clinical, surgical and testable relevance.
