1. Record Nr. UNINA9911021140503321 Autore Schmidtmann Gunnar Titolo Clinical Vision Science: A Concise Guide to Numbers, Laws, and Formulas / / by Gunnar Schmidtmann Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 3-031-83321-X Edizione [2nd ed. 2025.] 1 online resource (196 pages) Descrizione fisica 612.84 Disciplina Soggetti Ophthalmology Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di contenuto 1. Basics -- 2. Physical Optics -- 3. Visual Optics -- 4. Ophthalmic Lenses -- 5. Optical Instruments -- 6. Photometry -- 7. Physiological Optics -- 8. Clinical Procedures Anatomy -- 9. Binocular Vision -- 10. Useful equations. This second, fully revised edition retains the familiar structure with the Sommario/riassunto addition of more detailed descriptions and improved illustrations throughout the chapters. Most chapters now offer example calculations and exercises to grasp the fundamentals effortlessly. Delve deeper into the Anatomy & Binocular Vision chapter, which has been extended and

addition of more detailed descriptions and improved illustrations throughout the chapters. Most chapters now offer example calculations and exercises to grasp the fundamentals effortlessly. Delve deeper into the Anatomy & Binocular Vision chapter, which has been extended and enriched with illustrations of the exterior eye, visual pathways, and pupil reflexes with references to some pathologies in greater detail, enhancing your understanding of these crucial topics. All chapters have been expanded to provide previously limited explanations to fill in any gaps in knowledge. The Useful Numbers & Equation chapter has been further developed to include some key numbers and interesting facts about the eye and visual system and essential content on statistics, including normal distribution, standard deviation, confidence intervals, and median. Clinical Vision Science: A Concise Guide to Numbers, Laws, and Formulas, 2nd Edition, features new example questions, calculations, and exercises to challenge and solidify understanding at the end of each chapter. Extended Further Reading references in each chapter have been included to keep up to date with the latest advancements in the field. Whether you're an expert or a newcomer, this revised edition is an indispensable companion to enhance your

knowledge and skills in clinical vision science