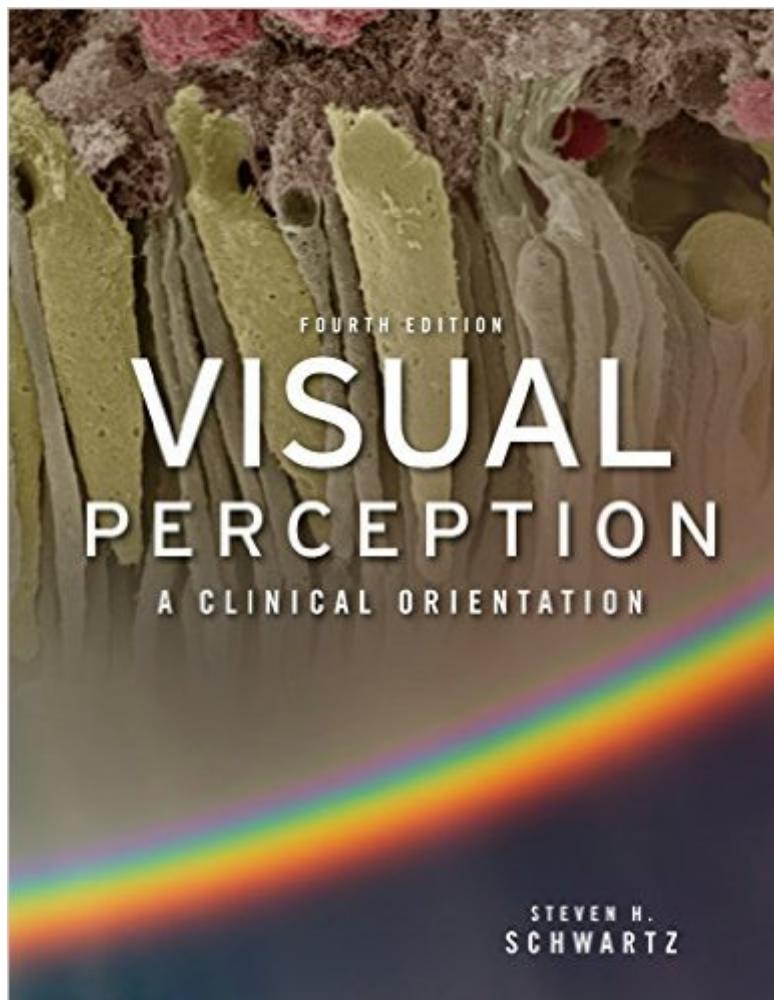


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# Visual Perception: A Clinical Orientation, Fourth Edition



## Synopsis

The text that bridges the gap between basic visual science and clinical application â€“ now in full color! Includes 3 complete practice exams! A Doody's Core Title for 2015! This comprehensive text on visual science is unique in that it highlights the fundamental aspects of monocular visual perception that are necessary to successful clinical practice. Recognized for its engaging, enjoyable style and ability to explain difficult topics in simple, easy-to-understand terms, *Visual Perception* goes well beyond the basics, including information from anatomy to perception. Covering a broad range of clinically-relevant topics, including color vision and its defects, spatial vision, temporal aspects of vision, psychophysics, physiology, and development and aging, the Fourth Edition of *Visual Perception* has been updated to include full-color figures and many new clinical images. Each chapter has been revised to keep up with the latest advances in the basic sciences, and throughout the text the linkage between basic psychophysics and clinical practice has been strengthened.

**Features**  
New full-color presentation with 250 illustrations, including color vision tests and fundus photographs  
3 practice exams (more than 200 multiple-choice questions)  
Self-assessment questions at the end of each chapter  
Current references from leaders in each subfield  
Enjoyable to Read AND Comprehensive!  
*Experimental Approaches, Introductory Concepts, The Duplex Retina, Photometry, Color Vision, Anomalies of Color Vision, Spatial Vision, Temporal Aspects of Vision, Motion Perception, Depth Perception, Psychophysical Methodology, Functional Retinal Physiology, Parallel Processing, Striate Cortex, Information Streams and Extrastriate Processing, Gross Electrical Potentials, Development and Maturation of Vision, Practice Exams, Answers to Self-Assessment Questions, Answers to Practice Exams, References*

## Book Information

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## Customer Reviews

Kudos to Dr. Schwartz for writing such a swell text. This book takes complicated subjects and condenses them into an easy afternoon read. If you read this book before taking Part I of NBEO, you'll greatly increase your chances of passing. The text essentially summarizes a significant number of concepts NBEO writes questions about. Thanks Doc Schwartz!

I'm not sure how many text books get 5 stars, but this one earns it. Not only does the book take the time to slowly move from the most basic of visual perception concepts, it does it in a way that easily understandable and doesn't assume much prior knowledge. That isn't to say that more advanced optometry students will be bored, but there is some redundancy, particularly if you've already taken ocular anatomy/physiology. The text reads like a story, explaining an experiment, the goals of it, what was gleamed from it and how it can be applied to the optometric experience. For a potentially complicated subject, the text does spell it out very clearly. I would HIGHLY recommend this book to anyone with an interest in visual perception, and I wish I had read it prior to even coming to optometry school. With that said, I have read the text cover to cover, and didn't dread a moment of it.

This book is a must have for any 1st/2nd yr OD student or ophthalmology resident. It is definitely a watered down version of the Norton text (The Psychophysical Measurement of Visual Function), but the most important concepts are thoroughly described in an easy-to-read format. If you want to understand visual perception to the "MS" level, go with Schwartz. If you want the "PhD" level - go with Norton. For Boards, I'd say the Schwartz text is more than sufficient. Norton is fine, but you'll be wasting a lot of time on concepts that are not tested on NBEO. Chris Gilmartin, OD

I am a 2nd year optometry student, and have only read chaps. 1-3 and 12 so far. It is very good. It explains concepts in a way that makes them very easy to comprehend. The writing overall is very good for such dry material. I would have given the book 5 stars if the figures were in color.

Great textbook. It is very readable, but requires a technical background, which I do not have. There was a LOT of content I am not competent to understand. Much of it is still usable, however.

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