



Visual Perception: A Clinical Orientation, Fourth Edition (Optometry)

By Steven Schwartz

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Visual Perception: A Clinical Orientation, Fourth Edition (Optometry) By Steven Schwartz

The text that bridges the gap between basic visual science and clinical application – 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

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Bibliography

- Sales Rank: #323128 in Books
- Published on: 2009-12-11
- Original language: English

- Number of items: 1
- Dimensions: 11.00" h x 8.50" w x .41" l, 2.90 pounds
- Binding: Hardcover
- 512 pages



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Editorial Review

From the Back Cover

From reviews of the first and second editions:

"Read *Visual Perception* by Steven Schwartz, OD... a great tool for preparing for the boards... easy to read.... These topics are particularly tough.... Schwartz does a good job of explaining them in a concise manner... many successful Berkeley test-takers swear by this book!"

—The Berkeley Guide 2002

"The author is... extremely qualified to write from a perspective combining basic vision science with clinical applications.... An excellent textbook for classes on visual perception for ophthalmologic clinicians... a detailed account of current methods in the assessment of the visual system, and... very enjoyable reading."

Janet P. Szlyk, PhD

—4 stars from Doody's Health Science Book Review Journal

"...an approachable introduction to the psychology and physiology of visual perception.... Schwartz's style is clear and explanatory... avoids confusing or unsupported statements and unnecessary mathematics."

Michael Harrad, MRCP, FRCOphth

—Perception

This leading text provides a solid foundation for courses in visual perception. Featuring hundreds of drawings and photos, it covers the mechanisms and assessment of visual perception for ophthalmologic clinicians and psychologists, in reader-friendly fashion. Perfect for preparation for board exams, *Visual Perception* treats all topics relevant to monocular visual perception—visual development, color vision, retinal and cortical physiology, and more. It includes chapters on adaptation, photometry, spatial and temporal vision, motion perception, psychophysical and electrophysiological methodology, and higher-order cortical processing. Written by an optometrist/scientist, *Visual Perception* artfully blends basic vision science with clinical applications and—

*Covers all key topics on monocular sensory processes

*Instructs beginning-level clinicians and psychologists in visual perceptual processes and the noninvasive techniques that assess them

*Uses physiologically based models

*Teaches with plentiful illustrations

*Provides a wealth of self-assessment questions (with answers)

*Offers excellent references, current and from leaders in each subfield

NEW IN THIS EDITION

*New and updated illustrations

*Latest research findings

*162 multiple-choice practice questions (with answers)

About the Author

Steven H. Schwartz, OD, PhD is a Professor in the Department of Biological and Vision Sciences at State University of New York, State College of Optometry, where he is also Director of Institutional Research and Planning. He previously served as Vice President and Dean of Academic Affairs.

Users Review

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Debra Rubino:

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