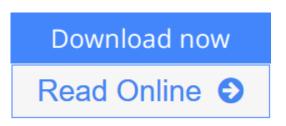# Basic Vision: An Introduction to Visual Perception

By Robert Snowden, Peter Thompson, Tom Troscianko

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko

Basic Vision: An Introduction to Visual Perception demystifies the processes through which we see the world.

Written by three authors with over eighty years of research and undergraduate teaching experience between them, the book leads students step by step through the various elements that come together in our perception of size, color, motion, and three-dimensional space.

It illustrates the intricacy of the visual system, discussing its development during infancy, and revealing how the brain can get it wrong, either as a result of brain damage, through which the network of processes become compromised, or through illusion, where the brain compensates for mixed messages by seeing what it thinks should be there, rather than conveying the reality.

The book also demonstrates the importance of contemporary techniques and methodology, and neuroscience-based techniques in particular, in driving forward our understanding of the visual system.

DISTINCTIVE FEATURES
* Engaging writing style captures the excitement of recent research

* Engaging boxes take students deeper into the subject, offering further explanations of key concepts

* Full-color artwork conveys important principles in a visually stimulating way

* Companion Website (www.oup.com/uk/orc/bin/9780199572021) includes student resources (weblinks) and instructor resources for registered adopters of the text for students, and resources for registered adopters of the text (downloadable figures from the book, a Test Bank of multiple-choice questions, and a "Journal Club" with questions to lead students through key research articles that relate to topics covered in the book)

Basic Vision: An Introduction to Visual Perception

By Robert Snowden, Peter Thompson, Tom Troscianko

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko

Basic Vision: An Introduction to Visual Perception demystifies the processes through which we see the world.

Written by three authors with over eighty years of research and undergraduate teaching experience between them, the book leads students step by step through the various elements that come together in our perception of size, color, motion, and three-dimensional space.

It illustrates the intricacy of the visual system, discussing its development during infancy, and revealing how the brain can get it wrong, either as a result of brain damage, through which the network of processes become compromised, or through illusion, where the brain compensates for mixed messages by seeing what it thinks should be there, rather than conveying the reality.

The book also demonstrates the importance of contemporary techniques and methodology, and neuroscience-based techniques in particular, in driving forward our understanding of the visual system.

DISTINCTIVE FEATURES
* Engaging writing style captures the excitement of recent research

* Engaging boxes take students deeper into the subject, offering further explanations of key concepts

* Full-color artwork conveys important principles in a visually stimulating way

* Companion Website (www.oup.com/uk/orc/bin/9780199572021) includes student resources (weblinks) and instructor resources for registered adopters of the text for students, and resources for registered adopters of the text (downloadable figures from the book, a Test Bank of multiple-choice questions, and a "Journal Club" with questions to lead students through key research articles that relate to topics covered in the book)

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko Bibliography

- Sales Rank: #178456 in Books
- Brand: imusti
- Published on: 2012-04-30
- Original language: English
- Number of items: 1
- Dimensions: 7.40" h x .60" w x 9.60" l, 2.00 pounds
- Binding: Paperback
- 424 pages

Download and Read Free Online Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko

Editorial Review

Review

"This the best textbook I have come across that dedicates enough time and space to describing the underlying physiology of the visual system and why understanding these neural mechanisms is critical to understanding human visual perception. The 'conversational' style is great for breaking down the barriers between students' apprehensions and the neuroscientific aspects of the field."--Nick Barraclough, *University of Hull*

"I was very pleased to discover *Basic Vision.* The style is very engaging, and it covers all the main topics. The explanations are clear and generally well-pitched for undergraduates."--Kielan Yarrow, *City University*

About the Author

Robert Snowden is a Professor in the School of Psychology, Cardiff University, where his research spans visual perception, attention, and abnormal psychology.

Peter Thompson is Senior Lecturer in Visual Psychophysics in the Department of Psychology, University of York, where his research examines the perception of motion and speed.

Tom Troscianko is Professor of Psychology in the Department of Experimental Psychology, University of Bristol, where his research explores perception, cognition, and action.

Users Review

From reader reviews:

Donald Jefferies:

In this 21st hundred years, people become competitive in every single way. By being competitive now, people have do something to make all of them survives, being in the middle of the actual crowded place and notice simply by surrounding. One thing that occasionally many people have underestimated the item for a while is reading. Yes, by reading a e-book your ability to survive increase then having chance to endure than other is high. For you personally who want to start reading the book, we give you this Basic Vision: An Introduction to Visual Perception book as beginning and daily reading publication. Why, because this book is greater than just a book.

Tammy Robinson:

Do you one of the book lovers? If so, do you ever feeling doubt when you are in the book store? Attempt to

pick one book that you find out the inside because don't ascertain book by its protect may doesn't work at this point is difficult job because you are afraid that the inside maybe not as fantastic as in the outside appear likes. Maybe you answer may be Basic Vision: An Introduction to Visual Perception why because the excellent cover that make you consider with regards to the content will not disappoint an individual. The inside or content is definitely fantastic as the outside or maybe cover. Your reading sixth sense will directly assist you to pick up this book.

Mark Montague:

The book untitled Basic Vision: An Introduction to Visual Perception contain a lot of information on this. The writer explains the girl idea with easy method. The language is very straightforward all the people, so do definitely not worry, you can easy to read the idea. The book was written by famous author. The author will bring you in the new period of time of literary works. You can read this book because you can read more your smart phone, or model, so you can read the book throughout anywhere and anytime. If you want to buy the e-book, you can available their official web-site and also order it. Have a nice go through.

Mary Lamm:

Do you like reading a publication? Confuse to looking for your selected book? Or your book had been rare? Why so many question for the book? But any kind of people feel that they enjoy for reading. Some people likes studying, not only science book but in addition novel and Basic Vision: An Introduction to Visual Perception as well as others sources were given knowledge for you. After you know how the great a book, you feel wish to read more and more. Science guide was created for teacher or perhaps students especially. Those ebooks are helping them to include their knowledge. In various other case, beside science publication, any other book likes Basic Vision: An Introduction to Visual Perception to make your spare time far more colorful. Many types of book like here.

Download and Read Online Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko #703JGN6YBCR

Read Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko for online ebook

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko books to read online.

Online Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko ebook PDF download

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko Doc

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko Mobipocket

Basic Vision: An Introduction to Visual Perception By Robert Snowden, Peter Thompson, Tom Troscianko EPub