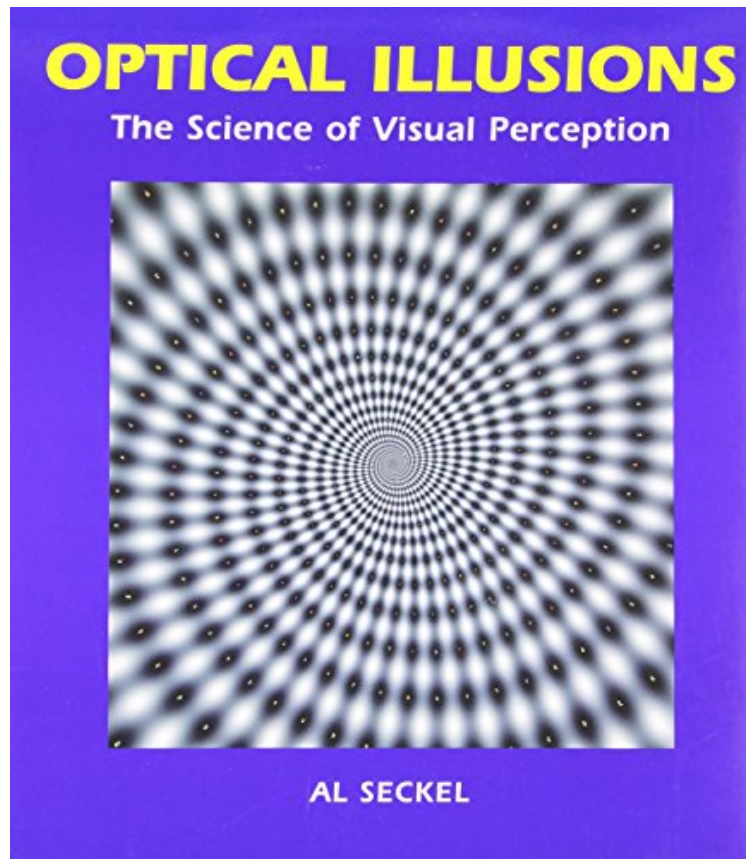


[Free pdf] Optical Illusions: The Science of Visual Perception (Illusion Works)

Optical Illusions: The Science of Visual Perception (Illusion Works)

Al Seckel

**Download PDF | ePub | DOC | audiobook | ebooks*



[Download](#)

[Read Online](#)

#219179 in Books Firefly Books LTD 2009-01-01Original language:EnglishPDF # 1 10.00 x .88 x 9.00l, .0
#File Name: 1554071518312 pages | File size: 38.Mb

Al Seckel : Optical Illusions: The Science of Visual Perception (Illusion Works) before purchasing it in order to gage whether or not it would be worth my time, and all praised Optical Illusions: The Science of Visual Perception (Illusion Works):

2 of 2 people found the following review helpful. An interesting, educational and fun book to read for anyone who wants to learn about optical illusions.By Joseph J. TruncaleI am a voracious reader and my interests are wide and varied. I must say that this book (Optical Illusions: The science of visual perception by Al. Seckel) is one of the most entertaining and informative books I have had the pleasure of reading lately. This huge softcover beautifully illustrated text has more than 275 fantastic illusions. I knew about illusions from my psychology courses in the past, but I never realized the extent of numerous images which can trick our eyes. In this respect, what you see may or may not be accurate. Indeed, it seems after reading this book that your eyes can trick you.After reading and studying this book I understand more clearly why eye witnesses do not always accurately relate what they claimed to see. The preface explains how we love to be fooled by viewing things that fool our eyes. Your minds eye gives the reason why what we see is not always accurate and the fact we are not always in control of what we are seeing. The largest section in this book shows hundreds of illusions. The whats going on? section explains the various things we are seeing in the

illusions. There is also a further reading section and an illusion category index. This is really a fun book to read. If you are interested in the psychology of visual perception you will love this book. Rating: 5 Stars. Joseph J. Truncale (Author: Never Trust a Politician: A critical review of politics and politicians). 3 of 3 people found the following review helpful. Truly Enjoyable By Judy A great book chock full of optical illusions. Not hugely in depth about the science of illusions, but a great page turner. Each page has a full size, beautifully printed, color illusion. Like other reviewers, I was pleased and surprised about the size and quantity of illusions in the book. I was also pleased with the quality and construction. It's a book you will want to return to over and over. If buying for children, I have found that ages 7 and up have really taken a liking to this book. 7 of 7 people found the following review helpful. BEST Optical Illusions Book I've Found By suzanna This is by far the best optical illusions book I've ever seen. First off, it's MASSIVE, and virtually every page has a full-page image. A lot of books like this take so much time explaining and are very wordy. Not this one! Beautiful pictures, excellent variety of images, and you can never get bored with this book... Great for adults and kids of all ages. HIGHLY RECOMMEND IF YOU HAVE BEEN SEARCHING FOR OPTICAL ILLUSIONS BOOKS IN PARTICULAR.

This intriguing collection contains more than 275 optical illusions that appear to change before your eyes. Al Seckel carefully selected both well-known images, such as Shepard's tabletop, Wade's spiral, Ames room and Rubin's face/vase, and many lesser-known, but no less effective, illusions. Every type of optical illusion is here, along with notes about the science of each visual perception and how the illusions work. Among the baffling images and shapes are: Figure/ground illusions, in which one shape switches into another then back again Ambiguous figures Impossible objects Trompe l'oeil Stereo illusions. With illusions rendered in photography, artwork and computer imaging, and a huge variety of themes and effects, Optical Illusions dazzles both the mind and the eye.

The 300-page collection of visual shapes and images has far more than the usual figure illusions found in other books of this nature. (Sara Catherine Howard Teacher Librarian: The Journal for School Library) American Library Association Quick Picks for Young Adult Reluctant Readers 2007 (School Library Journal) This book offers a comprehensive collection of more than 275 mind-bending images, hidden figures and eye-opening graphic patterns. Explanations ... offer readers insight into how optical illusions are created. (The Telegram (St. John's NF) 2007-08-23) [A] highly entertaining look at how our perceptions can be deceived... includes some handy notes about the science of visual perception, offering explanations about how our eyes truly can deceive us. (Jodi DeLong Halifax Chronicle Herald 2006-12-10) The comprehensive collection of graphic patterns is mind-bending, eye-opening, and highly entertaining. (Reza 20 Best Puzzle Books, Multipotens Blog 2017-07-10) Stunning images guaranteed to both befuddle and amaze you. Plus, it explains the science behind the illusion. (Calgary Sun 2006-11-25) About the Author Formerly at the California Institute of Technology, Al Seckel is a leading authority on visual and other types of sensory illusions. He is the author of 15 books on this subject, including the classic The Great Book of Optical Illusions. He is also well-known for his illusion column in National Geographic Kids magazine. Excerpt. Reprinted by permission. All rights reserved. Preface Part of the fun of this book will involve being tricked, fooled, and misled. Being fooled has nothing to do with how smart you are, how cultured you are, how artistic you are or how old. You will be tricked. In fact, many of the illusions are so powerful you will doubt the written description. Others are so convincing, you will not know what the illusion is until you read the caption. This volume is by far the most comprehensive collection of illusions ever published. A good number come from recent work in vision and perception laboratories and others come from a variety of modern artists who have deliberately incorporated an illusion into a drawing, photograph, or sculpture. There are also quite a few illusions that have been created specially for this book. I have tried to provide a variety of different perceptual experiences. Many of the illusions in this book appear here for the first time in print. Of course, you will find the familiar classics here too. The chapter "Your Mind's Eye" puts the illusions into a framework of modern understanding. At the back of the book you will find a chapter "What's Going On?" that provides brief scientific explanations of our best guesses for why these effects occur and how they are consistent with the processes that mediate normal perception. There is also a glossary of technical terms that are used throughout the text, a category index so you can compare similar examples of the same type of illusion as well as suggestions for further reading.