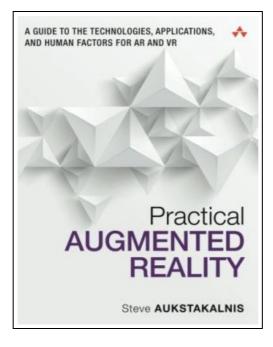
Practical Augmented Reality: A Guide to the Technologies, Applications, and Human Factors for AR and VR (Paperback)



Filesize: 8.37 MB

Reviews

A whole new eBook with a brand new viewpoint. Yes, it is perform, continue to an interesting and amazing literature. You wont truly feel monotony at whenever you want of the time (that's what catalogs are for concerning should you ask me). (Margie Jaskolski)

PRACTICAL AUGMENTED REALITY: A GUIDE TO THE TECHNOLOGIES, APPLICATIONS, AND HUMAN FACTORS FOR AR AND VR (PAPERBACK)



Pearson Education (US), United States, 2016. Paperback. Condition: New. Language: English . Brand New Book. The most comprehensive and up-todate guide to the technologies, applications and human factors considerations of Augmented Reality (AR) and Virtual Reality (VR) systems and wearable computing devices. Practical Augmented Reality is ideal for practitioners and students concerned with any application, from gaming to medicine. It brings together comprehensive coverage of both theory and practice, emphasizing leading-edge displays, sensors, and DIY tools that are already available commercially or will be soon. Beginning with a Foreword by NASA research scientist Victor Luo, this guide begins by explaining the mechanics of human sight, hearing and touch, showing how these perceptual mechanisms (and their performance ranges) directly dictate the design and use of wearable displays, 3-D audio systems, and tactile/force feedback devices. Steve Aukstakalnis presents revealing case studies of real-world applications from gaming, entertainment, science, engineering, aeronautics and aerospace, defense, medicine, telerobotics, architecture, law enforcement, and geophysics. Readers will find clear, easy-to-understand explanations, photos, and illustrations of devices including the Atheer AiR, HTC Vive, DAQRI Smart Helmet, Oculus (Facebook) CV1, Sony PlayStation VR, Vuzix M300, Google Glass, and many more. Functional diagrams and photographs clearly explain how these devices operate, and link directly to relevant theoretical and practical content. Practical Augmented Reality thoroughly considers the human factors of these systems, including sensory and motor physiology constraints, monocular and binocular depth cues, elements contributing to visually-induced motion sickness and nausea, and vergence-accommodation conflicts. It concludes by assessing both the legal and societal implications of new and emerging AR, VR, and wearable technologies as well as provides a look next generation systems.

Bead Practical Augmented Reality: A Guide to the Technologies, Applications, and Human Factors for AR and VR (Paperback) Online

Download PDF Practical Augmented Reality: A Guide to the Technologies, Applications, and Human Factors for AR and VR (Paperback)

See Also

Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts

Book Condition: Brand New. Book Condition: Brand New. Save Document »

1	

The Day Lion Learned to Not Be a Bully: Aka the Lion and the Mouse

Createspace, United States, 2013. Paperback. Book Condition: New. Large Print. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. The beloved Classic tale The Lion and the Mouse gets the... Save Document »

Δ

Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback) Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling... Save Document »

ſ	
Т	
Т	
U	

Weebies Family Halloween Night English Language: English Language British Full Colour Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and... Save Document »

Г	Ζ	
la	=	
Ŀ	-)	

The Country of the Pointed Firs and Other Stories (Hardscrabble Books-Fiction of New England) New Hampshire. PAPERBACK. Book Condition: New. 0874518261 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST...

Save Document »

PDF	History of the Town of Sutton Massachusetts from 1704 to 1876 Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts Read ePub »
PDF	The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators Read ePub »
PDF	The Well-Trained Mind: A Guide to Classical Education at Home (Hardback) WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to Read ePub »
PDF	The Healthy Lunchbox How to Plan Prepare and Pack Stress Free Meals Kids Will Love by American Diabetes Association Staff Marie McLendon and Cristy Shauck 2005 Paperback Book Condition: Brand New. Book Condition: Brand New. Read ePub »
PDF	Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying- arms parents

Read ePub »