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

Steve Aukstakalnis

[Click here](#) if your download doesn"t start automatically

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

Steve Aukstakalnis

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) Steve Aukstakalnis
This is the most comprehensive and up-to-date guide to the technologies and applications of Augmented Reality (AR) and Virtual Reality (VR) systems and wearable computing devices. 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.

Practical Augmented Reality begins by explaining the mechanics of human sight, hearing and touch, showing how these mechanisms (and their performance ranges) directly dictate the design and use of wearable displays, 3-D audio systems, and tactile/force feedback devices.

It presents revealing case studies of real-world applications from gaming, entertainment, science, engineering, aerospace and air traffic control, defense, medicine, architecture, law enforcement, and geophysics. Readers will find clear, easy-to-understand explanations, photos, and illustrations of devices including Oculus (Facebook) Rift, Sony Morpheus, Google Glass, and many more. Functional diagrams clearly explain how each device operates, and link directly to relevant theoretical and practical content.

Practical Augmented Reality thoroughly considers human factors, including sense and motor physiology constraints; resolution and realism; fields of view, angles, and distortion; latency and time display; flicker vertigo, phobia effects, and motion sickness. It concludes by assessing both the legal and societal implications of new and emerging AR, VR, and wearable technologies.

⬇ **Download** Practical Augmented Reality: A Guide to the Techno ...pdf

📄 **Read Online** Practical Augmented Reality: A Guide to the Tech ...pdf

Download and Read Free Online Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) Steve Aukstakalnis

From reader reviews:

Thomas Bedwell:

Why don't make it to be your habit? Right now, try to prepare your time to do the important act, like looking for your favorite reserve and reading a reserve. Beside you can solve your trouble; you can add your knowledge by the publication entitled Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability). Try to the actual book Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) as your buddy. It means that it can to become your friend when you experience alone and beside regarding course make you smarter than previously. Yeah, it is very fortuned in your case. The book makes you more confidence because you can know everything by the book. So , we need to make new experience along with knowledge with this book.

Becky Pope:

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) can be one of your beginner books that are good idea. We recommend that straight away because this reserve has good vocabulary that could increase your knowledge in terminology, easy to understand, bit entertaining however delivering the information. The article author giving his/her effort to set every word into delight arrangement in writing Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) yet doesn't forget the main place, giving the reader the hottest as well as based confirm resource info that maybe you can be certainly one of it. This great information could drawn you into completely new stage of crucial pondering.

Edward Shaw:

In this period globalization it is important to someone to get information. The information will make someone to understand the condition of the world. The fitness of the world makes the information simpler to share. You can find a lot of sources to get information example: internet, newspapers, book, and soon. You will see that now, a lot of publisher which print many kinds of book. Typically the book that recommended to you is Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) this publication consist a lot of the information with the condition of this world now. This specific book was represented so why is the world has grown up. The language styles that writer require to explain it is easy to understand. The writer made some investigation when he makes this book. That is why this book suitable all of you.

Paula Daniels:

What is your hobby? Have you heard that question when you got scholars? We believe that that concern was given by teacher to the students. Many kinds of hobby, Every person has different hobby. So you know that little person like reading or as looking at become their hobby. You need to understand that reading is very

important and book as to be the matter. Book is important thing to add you knowledge, except your own teacher or lecturer. You find good news or update regarding something by book. Many kinds of books that can you go onto be your object. One of them is actually Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability).

Download and Read Online Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) Steve Aukstakalnis #0EXUTYFJWCO

Read Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis for online ebook

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis 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 Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis books to read online.

Online Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis ebook PDF download

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis Doc

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis Mobipocket

Practical Augmented Reality: A Guide to the Technologies, Applications and Human Factors for AR and VR (Usability) by Steve Aukstakalnis EPub