Advanced Technologies in Rehabilitation: Empowering Cognitive, Physical, Social and Communicative Skills Through Virtual Reality, Robots, Wearable Systems and Brain-computer Interfaces

By G. Riva

IOS Press, US. Hardcover. Book Condition: New. Hardcover. 304 pages. Dimensions: 9.7in. x 6.6in. x 0.9in. The goal of this book is to bring together ideas from several different disciplines in order to examine the focus and aims that drive rehabilitation intervention and technology development. Specifically, the chapters in this book address the questions of what research is currently taking place to further develop rehabilitation, applied technology and how we have been able to modify and measure responses in both healthy and clinical populations using these technologies. The following chapters are dedicated toward addressing these issues: 1) Does Training with Technology Add to Functional Gains 2) Are there Rules that Govern Recovery of Function 3) Using the Body's Own Signals to Augment Therapeutic Gains; 4) Technology Incorporates Cognition and Action; and 5) Technology Enhances the Impact of Rehabilitation Programs. IOS Press is an international science, technical and medical publisher of high-quality books for academics, scientists, and professionals in all fields. Some of the areas we publish in: - Biomedicine - Oncology - Artificial intelligence - Databases and information systems - Maritime engineering - Nanotechnology - Geoengineering - All aspects of physics - E-governance - E-commerce - The knowledge economy - Urban studies - Arms control - Understanding and responding to

Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Ally Reichel

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You won't feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

-- Prof. Kirk Cruickshank DDS
Other PDFs

Scala in Depth
Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in. Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By presenting the emerging best practices and designs...

Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large
Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...

Silverlight 5 in Action
Manning Publications. Paperback. Book Condition: New. Paperback. 1000 pages. Dimensions: 9.2in. x 7.3in. x 2.0in. Summary A thorough revision of the bestselling Silverlight 4 in Action. This comprehensive guide teaches Silverlight from the ground up, covering all the new v. 5 features in...

Magnificat in D Major, Bwv 243 Study Score Latin Edition
Petrucci Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in. Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers in Leipzig which contained several Christmas texts....

DK Reader Level 4 Extreme Machines DK READERS
DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 9.0in. x 5.9in. x 0.2in. They were built to conquer land, sea, and air. Read about the biggest, fastest, most incredible machines in the world. These 48-page books about fascinating subjects like pirates,...

DK Readers The Story of Muhammad Ali Level 4 Proficient Readers
DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.7in. x 6.5in. x 0.2in. Written by leading childrens authors and compiled by leading experts in the field, DK Readers are one of the most delightful ways to capture childrens interest and help...