Handbook of Research on 3-D Virtual Environments and Hypermedia for Ubiquitous Learning

Part of the Advances in Game-Based Learning Book Series

Francisco Milton Mendes Neto (Federal Rural University of the Semiarid Region, Brazil), Rafael de Souza (Federal Rural University of the Semiarid Region, Brazil) and Alex Sandro Gomes (Federal University of Pernambuco, Brazil)

Description:

As society continues to experience increases in technological innovations, various industries must rapidly adapt and learn to incorporate these advances. When utilized effectively, the use of computer systems in educational settings creates a richer learning environment for students.

The Handbook of Research on 3-D Virtual Environments and Hypermedia for Ubiquitous Learning is a critical reference source for the latest research on the application of virtual reality in educational environments and how the immersion into three-dimensional settings enhances student motivation and interaction. Explores innovative techniques and emerging trends in virtual learning and hypermedia,

Readers:

This book is ideally designed for researchers, developers, upper-level students, and educators interested in the incorporation of immersive technologies in the learning process.
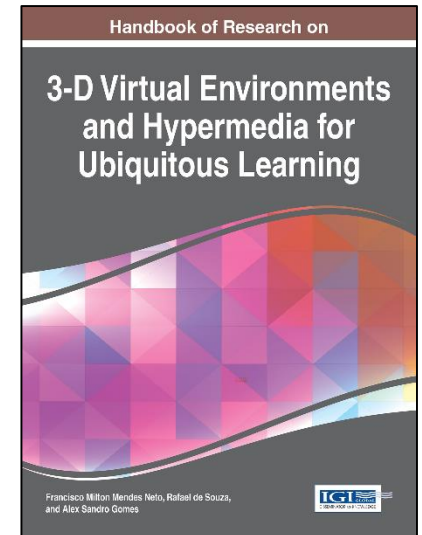
ISBN: 9781522501251   **Release Date:** May, 2016   **Copyright:** 2016   **Pages:** 547

Topics Covered:

- Augmented Reality
- Avatars
- Collaborative E-Learning
- Hyperaudio
- Systems Engineering
- Virtual Laboratories
- Virtual Museums

Hardcover + Free E-Access:	E-Access + Free Hardcover:	1 Year Online Subscription:	2 Year Online Subscription:
$235.00	$235.00	$110.00	$185.00

Order Information

Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com

Table of Contents

Foreword

Preface

Acknowledgment

Francisco Milton Mendes Neto received a Ph.D. in Electrical Engineering from Federal University of Campina Grande. He received the MSc degree in Informatics from Federal University of Campina Grande and received the Bachelor's degree in Computer Science from State University of Ceará. He was Software Development Project Manager for Federal Service of Data Processing for several years. In 2006, after an incursion in industry, he joined the Rural Federal University of the Semi-Arid, Brazil, where he is currently an associate professor of the Graduate Program in Computer Science and of the Postgraduate Program in Computer Science. He is currently coordinator of the Research Group in Software Engineering and of the Software Engineering Laboratory. His main research areas are in distance learning, ubiquitous learning, knowledge engineering, knowledge management and multi-agent systems. Dr. Mendes Neto is a member of the Brazilian Computing Society and the IEEE Computer Society. Some published books can be found at http://www.igi-global.com/affiliate/francisco-miltonmendes-neto/1054 and https://www.eae-publishing.com//system/covergenerator/build/20741.

Order Information

Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com

IGI GLOBAL
DISSEMINATOR OF KNOWLEDGE