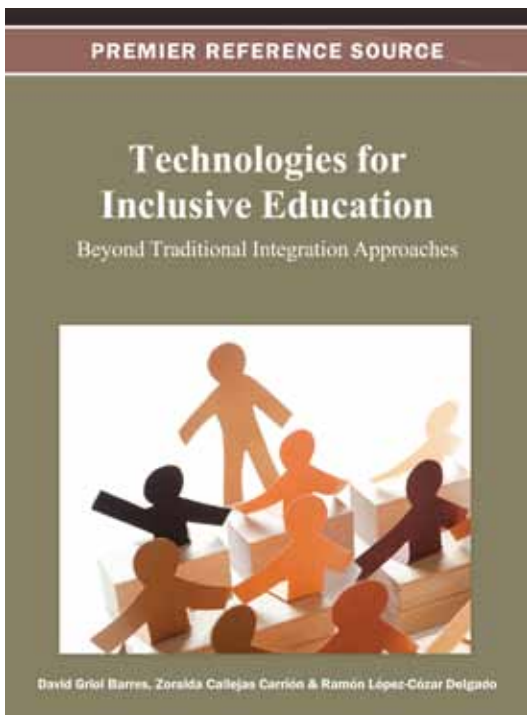


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Released: November 2012

Technologies for Inclusive Education: Beyond Traditional Integration Approaches



David Griol Barres (Carlos III University of Madrid, Spain), Zoraida Callejas Carrión (University of Granada, Spain) and Ramón López-Cózar Delgado (University of Granada, Spain)

By providing students with the opportunities to receive a high quality education regardless of their social or cultural background, inclusive education is a new area that goes beyond traditional integration approaches. These approaches hope to provide the educative system with the ability to adapt to the diversity of its students.

Technologies for Inclusive Education: Beyond Traditional Integration Approaches introduces the basic concepts, current research guidelines and future perspectives on the current state of these approaches. This book aims to make inclusive education a reality in the future by highlighting technological advances in applied e-learning, cognitive learning and education multimedia. Novel approaches to human-computer interaction are essential to make these contents available for every student regardless of their disabilities and learning styles.

Topics Covered:

- Educational Applications
- Educative Multimedia
- Game-Based Learning
- Human-Computer Interaction
- Inclusive Education
- Intelligent Tutoring Systems
- Speech Technologies
- Virtual and E-Learning Environments

ISBN: 9781466625303; © 2013; 455 pp.

Print: US \$175.00 | Perpetual: US \$265.00 | Print + Perpetual: US \$350.00

Pre-pub Discount:*

Print: US \$165.00 | Perpetual: US \$250.00

* Pre-pub price is good through one month after publication date.

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

David Griol Barres obtained a B.S. in Telecommunication Science and Ph.D. degree in Computer Science in 2007 from the Technical University of València (Spain). He is currently professor at the Department of Computer Science in the Carlos III University of Madrid (Spain). He has participated in several European and Spanish projects related to natural language processing and dialogue systems. His research activities are mostly related to the development of statistical methodologies for the design of spoken dialogue systems. His research interests include dialogue management/optimization/simulation, corpus-based methodologies, user modeling, adaptation and evaluation of spoken dialogue systems and machine learning approaches. Before starting his Ph.D. study, he worked as a network engineer in Motorola. He is a member of ISCA (International Speech Communication Association), IEEE (Institute of Electrical and Electronics Engineers), and AEPIA (Spanish Association of Artificial Intelligence).

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