Technologies for Inclusive Education: Beyond Traditional Integration Approaches

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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


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