Transforming Special Education Through Artificial Intelligence

Part of the Advances in Educational Technologies and Instructional Design Book Series
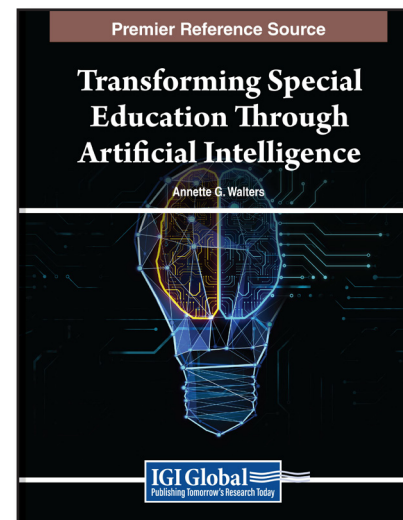
Annette G. Walters (Public School, USA)

Premier Reference Source

Transforming Special Education Through Artificial Intelligence
Annette G. Walters

Description:

Special education encounters distinct challenges in delivering personalized and practical assistance to students with disabilities. Educators frequently require support to address the varied needs of these students, resulting in learning and development gaps. Moreover, early identification and catering to these needs can take time and effort, affecting students' long-term academic success. There is an urgent need for innovative solutions that can bridge these gaps and improve the educational experiences of students with disabilities.

Transforming Special Education Through Artificial Intelligence offers a comprehensive exploration of how Artificial Intelligence (AI) can transform special education by providing personalized and individualized support for students with disabilities. Through case studies and real-life examples, we demonstrate how AI can analyze data to tailor learning experiences, and most importantly, identify learning difficulties early. This crucial aspect of AI can significantly enhance communication among stakeholders and reassure them about the potential of AI in improving educational outcomes for students with disabilities.

It provides educators, policymakers, and other stakeholders with the knowledge and tools to integrate AI into special education programs effectively. By fostering a deeper understanding of the opportunities and challenges presented by AI in special education, this book empowers educators to make informed decisions and ensure that all students have access to the resources and support they need to succeed academically and personally.

ISBN: 9798369355381   **Pages:** 320   **Copyright:** 2025   **Release Date:** July, 2024

Hardcover: $245.00   **E-Book:** $245.00   **Hardcover + E-Book:** $295.00

Topics Covered:

- Advancing Special Education Technology
- AI as an Equalizer in Special Education
- AI Benefits in Special Education
- Equity and Inclusion
- Harnessing AI for Special Education
- New Technology Possibilities and Pitfalls
- Potential of AI in Special Education
- Relevance of AI in Special Education
- Revolutionizing Special Education with AI
- Specialized Instruction with AI
- Use and Misuse of AI

Subject: Education

Readership Level: Advanced-Academic Level (Research Recommended)

Classification: Edited Reference

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners