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Nota di contenuto	Chapter 1 Blockchain for handling the data in Higher Education -- Chapter 2 Reshaping the Future of Learning Disabilities in Higher Education with AI -- Chapter 3 Virtual Environment Role in Higher Education Students Learning Enhancement with Intellectual Disabilities -- Chapter 4 AI Wizards: Pioneering Assistive Technologies for Higher

Education Inclusion of Students with Learning Disabilities -- Chapter 5 The Impact of Virtual Reality and Augmented Reality in Inclusive Education -- Chapter 6 Exploring Assistive Technology for Students with Disabilities in Higher Education -- Chapter 7 Sign Language Recognition based Machine Learning Model for Hearing Disabilities Person -- Chapter 8 Assistive Technologies in Higher Education for Special Education -- Chapter 9 Deep Learning Approach for Detection of Learning Disabilities in Higher Education -- Chapter 10 A Computer Vision Approach: Enhancing Visual Data for Students with Learning Disabilities in Higher Education -- Chapter 11 Inclusive Virtual Reality Learning Environment -- Chapter 12 Deep Learning-Based Automatic Speech and Emotion Recognition for Students with Disabilities: A review -- Chapter 13 Metaverse of Learning Disabilities in Higher Educational Institutions -- Chapter 14 Technologies to assist students with specific learning disabilities in higher education: Concepts, Challenges, and Future Directions -- Chapter 15 Empowering Inclusive Education: Leveraging AI-ML and Innovative Tech Stacks to Support Students with Learning Disabilities in Higher Education -- Chapter 16 Systematic Review of Recent Trends of Industry 5.0 with Assistive Technologies in Higher Education and Smart Healthcare -- Chapter 17 Diagnostic Criteria for Schizophrenia: A Systematic Review.

Sommario/riassunto

The book "Applied Assistive Technologies and Informatics for Students with Disabilities" provides a comprehensive guide to assist students with learning disabilities in higher education via modern assistive technologies and informatics. This book will take us on a tour of the various modern assistive technologies, such as artificial intelligence (AI), blockchain, computer vision (CV), text analytics (TA), the metaverse, human-computer interaction (HCI), digital twins (DT), and federated learning (FL), and how they support higher education students with learning disabilities. This book is intended for students with learning disabilities, scientists and researchers, lecturers and teachers, academic and corporate libraries, practitioners, and professionals who are interested in providing inclusive education to students with learning disabilities through the application of modern assistive technologies and informatics. This book is ideal for readers who are new to the subject and knowledgeable about the principles of inclusive education. In addition, it is a fantastic resource for teachers and parents assisting students with learning disabilities. This book can be a powerful tool to educate more students about learning disabilities, which can help eradicate the bullying of these students.
