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Nota di contenuto	Introduction -- The History of AI in Transforming Disability Support -- Empowering Disabled People with AI -- AI-Driven Innovations in Assistive Technology for People with Disabilities -- Personalised Support for People with Disabilities Through Generative AI -- Using AI to Empower People with Disabilities' Communication and Autonomy -- The Future of AI in Revolutionizing Support for Disabled Persons.
Sommario/riassunto	This book offers a comprehensive exploration of the convergence of generative artificial intelligence and disability assistance, seeking to highlight the revolutionary capabilities of AI technology in improving the lives of those with disabilities. Given the swift progression of AI capabilities, it is vital to comprehend how these innovations might be used to foster inclusivity, enhance accessibility, and deliver personalised assistance. This book aims to connect advanced research and practical applications with the specific requirements of individuals with disabilities. The book offers a detailed investigation of generative AI as an assistive tool for individuals with disabilities, encompassing fundamental principles of generative AI, case studies of effective applications, and critical analyses of ethical considerations and societal implications. The book provides a comprehensive analysis of several applications of generative AI for individuals with disabilities across various domains. Examples of generative AI applications encompass

AI-assisted communication tools for individuals with speech problems, customised educational platforms for students with learning challenges, virtual reality settings that improve social engagement for individuals on the autistic spectrum and various others. These applications demonstrate how generative AI may improve accessibility and empower individuals by personalising experiences to their individual requirements.

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