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Nota di contenuto	<p>""ASSISTIVE TECHNOLOGY AND SCIENCE-FRONT COVER ""; ""ASSISTIVE TECHNOLOGY AND SCIENCE""; ""CONTENTS""; ""SERIES INTRODUCTION""; ""Disability Concepts, Models, and Theories""; ""Types of Disability""; ""Disability Language""; ""Organization of the Series""; ""The Audience""; ""Acknowledgments""; ""References""; ""PREFACE""; ""Acknowledgments""; ""ABOUT THE AUTHOR""; ""ABOUT THE SERIES EDITOR""; ""CHAPTER 1: INTRODUCTION, BACKGROUND, AND HISTORY""; ""Introduction""; ""What Is Assistive Technology?""; ""History of AT""</p> <p>""Assistive Technology and the International Classification of Functioning (ICF)""""Legislation""; ""Education: The Individuals with Disabilities Education Act (IDEA)""; ""The American with Disabilities Act (ADA) and the Reauthorization of the Rehabilitation Act (Rehab Act)""; ""The Telecommunications Act, Section 255""; ""Human Technology Interface (HTI)""; ""Direct Selection""; ""Scanning or Indirect Selection""; ""Displays""; ""Assistive Technology for Communication Disorders""; ""Nonelectronic Systems""; ""Electronic Voice Output Systems: Digital Speech""</p> <p>""Electronic Voice Output Systems: Synthetic Speech""""Portable Amplification Systems""; ""Assistive Technology for Mobility Impairments""; ""Upper-Body Mobility Devices""; ""Lower-Body Mobility</p>

Devices"; "AT for Ergonomics and Prevention of Secondary Injuries";
 "Electronic Aids to Daily Living"; "Assistive Technology for Hearing
 Impairments"; "Hearing Aids"; "Cochlear Implants"; "TTY/TDDsa
 œText Telephonesa"; "Environmental Adaptations"; "Assistive
 Technology for Visual Impairments"; "Low-Tech Visual Aids"; "High-
 Tech Visual Aids"; "Environmental Adaptations"
 "Assistive Technology for Cognitive/Learning Disabilities""Literacy
 Technologies"; "Prompting Technologies"; "Accessible Medical
 Technologies for Practitioners and Patients"; "Selecting Appropriate
 Assistive Technologies"; "Abandonment"; "Principles of Clinical
 Assessment"; "Physician Responsibilities"; "Funding Assistive
 Technology"; "Conclusion and Future Directions"; "References";
 "CHAPTER 2: CURRENT ISSUES, CONTROVERSIES, AND SOLUTIONS";
 "Awareness and Access to Assistive Technology"; "Awareness";
 "Assistive Technology and Access"
 "Accessing Assistive Technology and Early Childhood""Process
 Flowchart"; "Assistive Technology and Education"; "Process
 Flowchart"; "Assistive Technology and Employment"; "Americans with
 Disabilities Act and Assistive Technology"; "Office of Disability
 Employment Policy, Job Accommodation Network, and Assistive
 Technology"; "Telework and Assistive Technology";
 "Telecommunications Equipment Distribution Programs (TEDP)";
 "Assistive Technology and Medical Necessity"; "Assistive Technology
 Assessment"; "Credentialing in Assistive Technology Devices and
 Services"
 "Navigating Disparities in Assistive Technology Resources"

Sommario/riassunto

This volume in 'The SAGE Reference Series on Disability' explores issues involving assistive technology engineering and science. It is one of 8 volumes in the cross-disciplinary and issues-based series, which incorporates links from varied fields making up Disability Studies as volumes examine topics central to the lives of individuals with disabilities and their families.
