

1. Record Nr.	UNINA9910480370003321
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Titolo	Assistive technology and science // Cathy Bodine
Pubbl/distr/stampa	Thousand Oaks, California : , : SAGE Publications, , 2013
ISBN	1-322-30564-1 1-78268-367-4 1-4522-0545-0
Descrizione fisica	1 online resource (305 p.)
Collana	The SAGE reference series on disability: key issues and future directions
Disciplina	681/.761
Soggetti	Self-help devices for people with disabilities People with disabilities - Orientation and mobility Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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</p>

Impairments"; "Upper-Body Mobility Devices"; "Lower-Body Mobility 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€?a €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.
