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Titolo	Catálogo de pesquisas / / PUCRS = Catalog of research / PUCRS
Pubbl/distr/stampa	Porto Alegre : , : EDIPUCRS
Descrizione fisica	1 online resource
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Autore	Bodine Cathy
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (305 pages)
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
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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

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 -- 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 -- Electronic Voice Output Systems: Synthetic Speech -- Portable Amplification Systems -- Assistive Technology for Mobility 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/TDDs--"Text Telephones" -- 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.

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AT and Motor Issues -- AT and Vision Loss -- AT and Hearing -- AT and Cognitive Disability -- Electronic Resources -- General Information on Assistive Technology -- AT and the Law/Legislation -- AT Research -- Funding -- Universal Design -- Inclusion -- Academic Application Ideas -- Autism -- Vision -- Hearing -- Communication -- Early Childhood -- Access Issues/Motor -- Computers -- Switch Use -- Organizational/Time-Saving Strategies -- GLOSSARY OF KEY TERMS -- INDEX.

Sommario/riassunto

This volume in The SAGE Reference Series on Disability explores issues involving assistive technology engineering and science. It is one of eight 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.
