

The book was found

# Springer Handbook Of Speech Processing



## Synopsis

This handbook plays a fundamental role in sustainable progress in speech research and development. With an accessible format and with accompanying DVD-Rom, it targets three categories of readers: graduate students, professors and active researchers in academia, and engineers in industry who need to understand or implement some specific algorithms for their speech-related products. It is a superb source of application-oriented, authoritative and comprehensive information about these technologies, this work combines the established knowledge derived from research in such fast evolving disciplines as Signal Processing and Communications, Acoustics, Computer Science and Linguistics.

## Book Information

Series: Springer Handbook of

Hardcover: 1176 pages

Publisher: Springer; 2008 edition (December 13, 2007)

Language: English

ISBN-10: 3540491252

ISBN-13: 978-3540491255

Product Dimensions: 9.6 x 8 x 2.3 inches

Shipping Weight: 5.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #2,081,539 in Books (See Top 100 in Books) #54 in [Books > Computers & Technology > Software > Voice Recognition](#) #123 in [Books > Computers & Technology > Digital Audio, Video & Photography > Speech & Audio Processing](#) #162 in [Books > Computers & Technology > Computer Science > AI & Machine Learning > Natural Language Processing](#)

## Customer Reviews

From the reviews: "This massive volume contains 53 chapters and covers just about all aspects of the field of speech processing. | The editors are commended for producing a valuable tool in the understanding of speech and speech synthesis/recognition. The book is a valuable addition to the bookshelf of researchers, speech scientists, and engineers." (Richard J. Peppin, International Journal of Acoustics and Vibration, Vol. 13 (1), 2008) œ This book is a comprehensive overview of most of the major topics associated with speech processing written by the most renowned authors in each topic. The book is well structured with a clearly organized topics. It is intended for use by the researcher | . book is organized in nine sections | that cover all current speech applications. | In

conclusion, I would highly recommend that anyone interested in speech processing have a copy of this encyclopaedic work. • (Eduardo LÃpez Gonsalo, *The Phonetician*, Vol. I-II (97/98), 2008)

From common consumer products such as cell phones and MP3 players to more sophisticated projects such as human-machine interfaces and responsive robots, speech technologies are now everywhere. Many think that it is just a matter of time before more applications of the science of speech become inescapable in our daily life. This handbook is meant to play a fundamental role for sustainable progress in speech research and development. *Springer Handbook of Speech Processing* targets three categories of readers: graduate students, professors and active researchers in academia and research labs, and engineers in industry who need to understand or implement some specific algorithms for their speech-related products. The handbook could also be used as a sourcebook for one or more graduate courses on signal processing for speech and different aspects of speech processing and applications. A quickly accessible source of application-oriented, authoritative and comprehensive information about these technologies, it combines the established knowledge derived from research in such fast evolving disciplines as Signal Processing and Communications, Acoustics, Computer Science and Linguistics.

[Download to continue reading...](#)

Speech Therapy for Kids : Techniques and Parents Guide for Speech Therapy (speech therapy, speech therapy materials) Speech and Audio Signal Processing: Processing and Perception of Speech and Music Springer Handbook of Speech Processing Handbook of Neural Networks for Speech Processing (Artech House Signal Processing Library) Statistical Methods for Speech Recognition (Language, Speech, and Communication) Father of the Bride Speech (The 7-STEP GUIDE to Writing a Sensational Wedding Speech & Toast Book 1) Speech After Stroke: A Manual for the Speech Pathologist and the Family Member Computer Speech: Recognition, Compression, Synthesis (Springer Series in Information Sciences) Discrete-Time Speech Signal Processing: Principles and Practice Discrete-Time Processing of Speech Signals Speech Processing and Synthesis Toolboxes Computer Speech Technology (Artech House Signal Processing Library) Applications of Digital Signal Processing to Audio and Acoustics (The Springer International Series in Engineering and Computer Science) Biosignal and Medical Image Processing (Signal Processing and Communications) SBI: Advanced Word Processing Simulation (with CD-ROM) (Word Processing I) Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Digital

Signal Processing with Examples in MATLAB®<sup>®</sup>, Second Edition (Electrical Engineering & Applied Signal Processing Series) Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) Signal Processing Algorithms in Fortran and C (Prentice-Hall Signal Processing Series)

[Dmca](#)