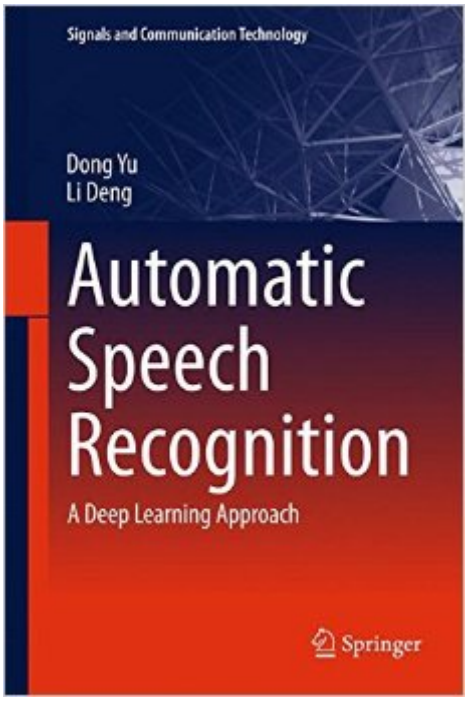
The book was found

Automatic Speech Recognition: A Deep Learning Approach (Signals And Communication Technology)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

This book provides a comprehensive overview of the recent advancement in the field of automatic speech recognition with a focus on deep learning models including deep neural networks and many of their variants. This is the first automatic speech recognition book dedicated to the deep learning approach. In addition to the rigorous mathematical treatment of the subject, the book also presents insights and theoretical foundation of a series of highly successful deep learning models.

Book Information

Series: Signals and Communication Technology

Hardcover: 321 pages

Publisher: Springer; 2015 edition (November 11, 2014)

Language: English

ISBN-10: 1447157788

ISBN-13: 978-1447157786

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #412,552 in Books (See Top 100 in Books) #9 inÂ Books > Computers & Technology > Software > Voice Recognition #138 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Acoustics #209 inÂ Books > Science & Math > Physics > Acoustics & Sound

Customer Reviews

Excellent introduction by two of the field's pioneers. Highly recommended for those interested in learning the technical details (with lots of equations).

Great book. Li Deng has made it his personal mission to chronicle the rise of Deep Learning in the field of speech; his efforts are much appreciated.

Download to continue reading...

Automatic Speech Recognition: A Deep Learning Approach (Signals and Communication Technology) Speech Therapy for Kids : Techniques and Parents Guide for Speech Therapy (speech therapy, speech therapy materials) Statistical Methods for Speech Recognition (Language, Speech, and Communication) Learning: 25 Learning Techniques for Accelerated Learning - Learn

Faster by 300%! (Learning, Memory Techniques, Accelerated Learning, Memory, E Learning, ... Learning Techniques, Exam Preparation) Building Automation: Communication systems with EIB/KNX, LON and BACnet (Signals and Communication Technology) The Gun Digest Book of Firearms Assembly/Disassembly Part I - Automatic Pistols: Pt. 1 (Gun Digest Book of Firearms Assembly/Disassembly: Part 1 Automatic Pistols) Proceedings Fifth IEEE International Conference on Automatic Face and Gesture Recognition: Washington, D.C., 20-21 May 2002 Millimeter-Wave Antennas: Configurations and Applications (Signals and Communication Technology) Digital Signal Processing with Field Programmable Gate Arrays (Signals and Communication Technology) Applied Signal Processing: A MATLABTM-Based Proof of Concept (Signals and Communication Technology (Paperback)) Learn: Cognitive Psychology - How to Learn, Any Skill or Subject in 21 Days! (Learn, Learning Disability, Learning Games, Learning Techniques, Learning ... Learning, Cognitive Science, Study) Discrete-Time Processing of Speech Signals Introduction to EEG- and Speech-Based Emotion Recognition The Art and Business of Speech Recognition: Creating the Noble Voice Speech Recognition: Theory and C++ Implementation The Dragon: NaturallySpeaking Guide Speech Recognition Made Fast and Simple Dictation: Dictate Your Writing - Write Over 1,000,000 Words A Year Without Breaking A Sweat! (Writing Habits, Write Faster, Productivity, Speech Recognition Software, Dragon Naturally Speaking) How to Build a Speech Recognition Application: Second Edition: A Style Guide for Telephony Dialogues Computer Speech: Recognition, Compression, Synthesis (Springer Series in Information Sciences) Machine Learning: An Algorithmic Perspective, Second Edition (Chapman & Hall/Crc Machine Learning & Pattern Recognition)

Dmca