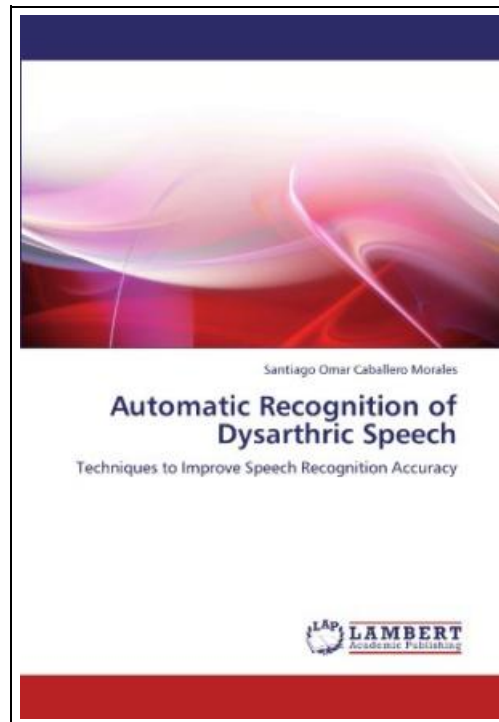# Automatic Recognition of Dysarthric Speech

Filesize: 3.04 MB

Reviews

Definitely one of the best ebook We have possibly go through. It usually does not charge a lot of. I am just pleased to inform you that this is actually the greatest ebook i have got study in my own lifestyle and may be he greatest publication for actually.
(Ms. Patsy D'Amore III)

AUTOMATIC RECOGNITION OF DYSARTHRIC SPEECH

To download **Automatic Recognition of Dysarthric Speech** eBook, make sure you refer to the web link under and download the ebook or have accessibility to other information which are relevant to AUTOMATIC RECOGNITION OF DYSARTHRIC SPEECH book.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Techniques to Improve Speech Recognition Accuracy | Dysarthria is a motor speech disorder characterized by weakness, paralysis, or poor coordination of the muscles responsible for speech. Although automatic speech recognition (ASR) systems have been developed for disordered speech, factors such as low intelligibility and limited phonemic repertoire decrease speech recognition accuracy. Furthermore, conventional speaker adaptation algorithms that improve normal speech recognition may not perform as well on dysarthric speakers. Instead of adapting the system, two main techniques are proposed to model the pronunciation errors made by the speaker: (1) a set of discrete hidden markov models (termed as "metamodels") that incorporate a model of the speaker's phonetic confusion-matrix into the ASR process; and (2) a network of Weighted Finite-State Transducers (WFSTs) at the confusion-matrix, word and language levels. These error modelling techniques attempt to correct the errors made at the phonetic level and make use of a language model to find the best estimate of the correct word sequence. Hence, these techniques when integrated into the speech recognition process performed significant error correction and improved speech recognition | Format: Paperback | Language/Sprache: english | 213 gr | 220x150x8 mm | 148 pp.

Read Automatic Recognition of Dysarthric Speech Online

Download PDF Automatic Recognition of Dysarthric Speech

See Also

[PDF] Would It Kill You to Stop Doing That?

Click the link under to get "Would It Kill You to Stop Doing That?" PDF file.

Read PDF »

[PDF] Violet Rose and the Surprise Party

Click the link under to get "Violet Rose and the Surprise Party" PDF file.

Read PDF »

[PDF] The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Click the link under to get "The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)" PDF file.

Read PDF »

[PDF] Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Click the link under to get "Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values" PDF file.

Read PDF »

[PDF] Online Investigations: Snapchat

Click the link under to get "Online Investigations: Snapchat" PDF file.

Read PDF »

[PDF] Hope for Autism: 10 Practical Solutions to Everyday Challenges

Click the link under to get "Hope for Autism: 10 Practical Solutions to Everyday Challenges" PDF file.

Read PDF »