



Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science)

Silke Goronzy

Download now

[Click here](#) if your download doesn't start automatically

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science)

Silke Goronzy

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) Silke Goronzy

Speech recognition technology is being increasingly employed in human-machine interfaces. A remaining problem however is the robustness of this technology to non-native accents, which still cause considerable difficulties for current systems.

In this book, methods to overcome this problem are described. A speaker adaptation algorithm that is capable of adapting to the current speaker with just a few words of speaker-specific data based on the MLLR principle is developed and combined with confidence measures that focus on phone durations as well as on acoustic features. Furthermore, a specific pronunciation modelling technique that allows the automatic derivation of non-native pronunciations without using non-native data is described and combined with the previous techniques to produce a robust adaptation to non-native accents in an automatic speech recognition system.

 [Download Robust Adaptation to Non-Native Accents in Automat ...pdf](#)

 [Read Online Robust Adaptation to Non-Native Accents in Autom ...pdf](#)

Download and Read Free Online Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) Silke Goronzy

From reader reviews:

Jennifer Burritt:

Do you among people who can't read satisfying if the sentence chained within the straightway, hold on guys this particular aren't like that. This Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) book is readable by you who hate those perfect word style. You will find the facts here are arrange for enjoyable studying experience without leaving possibly decrease the knowledge that want to supply to you. The writer of Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) content conveys the idea easily to understand by lots of people. The printed and e-book are not different in the content material but it just different by means of it. So , do you still thinking Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) is not loveable to be your top record reading book?

Wanda Stamper:

Reading a guide can be one of a lot of pastime that everyone in the world really likes. Do you like reading book consequently. There are a lot of reasons why people like it. First reading a publication will give you a lot of new facts. When you read a book you will get new information mainly because book is one of a number of ways to share the information or maybe their idea. Second, looking at a book will make a person more imaginative. When you reading through a book especially tale fantasy book the author will bring you to definitely imagine the story how the personas do it anything. Third, you may share your knowledge to other individuals. When you read this Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science), it is possible to tells your family, friends and soon about yours publication. Your knowledge can inspire others, make them reading a e-book.

Elaine Jenkins:

You can get this Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by go to the bookstore or Mall. Just viewing or reviewing it could possibly to be your solve challenge if you get difficulties for the knowledge. Kinds of this e-book are various. Not only by simply written or printed but additionally can you enjoy this book simply by e-book. In the modern era including now, you just looking by your local mobile phone and searching what your problem. Right now, choose your current ways to get more information about your guide. It is most important to arrange you to ultimately make your knowledge are still revise. Let's try to choose correct ways for you.

Joshua White:

As a scholar exactly feel bored to reading. If their teacher inquired them to go to the library or make summary for some book, they are complained. Just very little students that has reading's heart and soul or real their passion. They just do what the trainer want, like asked to the library. They go to presently there but

nothing reading significantly. Any students feel that looking at is not important, boring as well as can't see colorful pics on there. Yeah, it is to be complicated. Book is very important to suit your needs. As we know that on this period of time, many ways to get whatever you want. Likewise word says, ways to reach Chinese's country. Therefore this Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) can make you sense more interested to read.

Download and Read Online Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) Silke Goronzy #J2E3MDIASUG

Read Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy for online ebook

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy books to read online.

Online Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy ebook PDF download

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy Doc

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy Mobipocket

Robust Adaptation to Non-Native Accents in Automatic Speech Recognition (Lecture Notes in Computer Science) by Silke Goronzy EPub