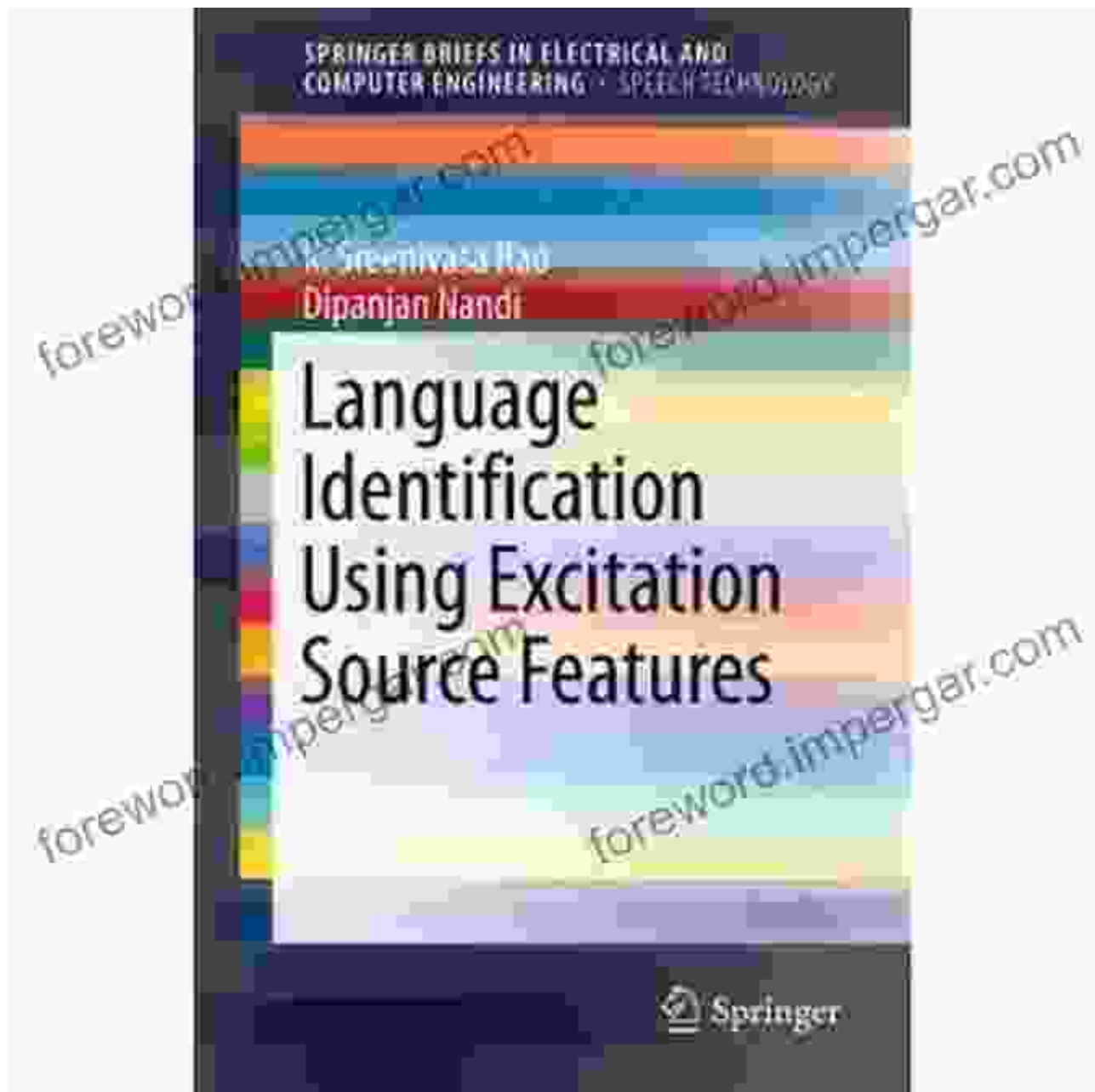
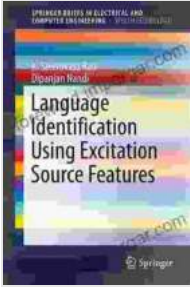


Language Identification Using Excitation Source Features

A Comprehensive Guide for Researchers and Practitioners



Language Identification Using Excitation Source Features (SpringerBriefs in Speech Technology)



by Marcus Du Sautoy

★★★★☆ 4.6 out of 5

Language : English
File size : 3419 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 173 pages



Language identification is a critical task in various applications, such as speech processing, speaker recognition, and forensic analysis. This book provides a comprehensive overview of language identification using excitation source features, including theoretical foundations, algorithmic approaches, and practical applications.

The book begins with an introduction to the field of language identification and the role of excitation source features in this task. It then discusses the various excitation source features that have been proposed for language identification, including glottal source parameters, formants, and bandwidths. The book also provides an overview of the different algorithmic approaches that have been used for language identification based on excitation source features, including statistical models, machine learning algorithms, and deep learning models.

The book concludes with a discussion of the practical applications of language identification using excitation source features. These applications include speaker recognition, forensic analysis, and language modeling. The book also provides an outlook on the future of language identification

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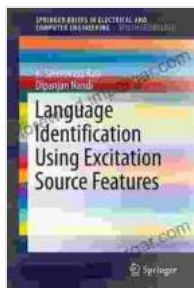
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- Covers the theoretical foundations, algorithmic approaches, and practical applications of language identification
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