PROSODIC THEORY AND PRACTICE

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022

PROSODIC THEORY AND PRACTICE

Edited by Jonathan Barnes and Stefanie Shattuck-Hufnagel

The MIT Press
Cambridge, Massachusetts
London, England

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022

© 2022 The Massachusetts Institute of Technology

All rights reserved. No part of this book may be reproduced in any form by any electronic or mechanical means (including photocopying, recording, or information storage and retrieval) without permission in writing from the publisher.

The MIT Press would like to thank the anonymous peer reviewers who provided comments on drafts of this book. The generous work of academic experts is essential for establishing the authority and quality of our publications. We acknowledge with gratitude the contributions of these otherwise uncredited readers.

This book was set in Stone Serif and Stone Sans by Westchester Publishing Services.

Library of Congress Cataloging-in-Publication Data is available.
Names: Barnes, Jonathan, 1970– editor. | Shattuck-Hufnagel, Stefanie, editor.
Title: Prosodic theory and practice / edited by Jonathan Barnes and Stefanie Shattuck-Hufnagel.
Description: Cambridge, Massachusetts : The MIT Press, 2022. | Includes bibliographical references and index.
Identifiers: LCCN 2021000764 | ISBN 9780262543170 (paperback)
Subjects: LCSH: Prosodic analysis (Linguistics)
Classification: LCC P224 .P739 2022 | DDC 414/.6—dc23
LC record available at https://lccn.loc.gov/2021000764

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022

Contents

Preface and Acknowledgments vii

Introduction: What Are Theories of Prosody For? 1
Jonathan Barnes and Stefanie Shattuck-Hufnagel

1 **The Autosegmental-Metrical Model of Intonational Phonology 25**
Amalia Arvaniti

Commentary on Chapter 1: Introducing Flexibility into Autosegmental-Metrical Phonology 64
Martine Grice

Author Response to the Commentary: Prosodic Typology and the Handling of Variability in Intonation 76

2 **Modeling Danish Intonation 85**
Nina Grønnum

3 **A Multilevel, Multilingual Approach to the Annotation and Representation of Speech Prosody 117**
Daniel Hirst

4 **The ToBI Transcription System: Conventions, Strengths, and Challenges 151**
Sun-Ah Jun

Commentary on Chapter 4: An Enhanced Autosegmental-Metrical Theory (AM+) Facilitates Phonetically Transparent Prosodic Annotation 182
Laura C. Dilley and Mara Breen

Author Response to the Commentary: ToBI Is Not Designed to Be Phonetically Transparent 204

5 **Prosody in Articulatory Phonology 213**
Jelena Krivokapić

Commentary on Chapter 5: Time to Consider Nonoscillatory, Phonology-Extrinsic Timing Approaches to Prosody in Speech Motor Control 237
A. E. Turk

6 **The Trouble with ToBI 247**
D. R. Ladd

7 **The Prosogram Model for Pitch Stylization and Its Applications in Intonation Transcription 259**
Piet Mertens

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022

8 **The Kiel Intonation Model—KIM 287**
Oliver Niebuhr

9 **The Rise and Fall of the British School of Intonation Analysis 319**
Francis Nolan

10 **The PaIntE Model of Intonation 351**
Antje Schweitzer, Bernd Möbius, Gregor Möhler, and Grzegorz Dogil

11 **The PENTA Model: Concepts, Use, and Implications 377**
Yi Xu, Santitham Prom-on, and Fang Liu

Commentary on Chapter 11: Comparing the PENTA Model to Autosegmental-Metrical Phonology 408
Janet B. Pierrehumbert

Author Response to the Commentary: Multiple Layers of Meanings Can Be Linked to Surface Prosody without Direct Mapping 425

Index 435

Downloaded from http://direct.mit.edu/books/chapter-pdf/1986278/f000200_9780262543194.pdf by guest on 13 August 2022