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Nota di contenuto	Preface xiii Acknowledgements xv List of Abbreviations xvii Part I Foundations 1 Introduction 3 1.1 What is Computational Paralinguistics? A First Approximation 3 1.2 History and Subject Area 7 1.3 Form versus Function 10 1.4 Further Aspects 12 1.4.1 The Synthesis of Emotion and Personality 12 1.4.2 Multimodality: Analysis and Generation 13 1.4.3 Applications, Usability and Ethics 15 1.5 Summary and Structure of the Book 17 References 18 2 Taxonomies 21 2.1 Traits versus States 21 2.2 Acted versus Spontaneous 25 2.3 Complex versus Simple 30 2.4 Measured versus Assessed 31 2.5 Categorical versus Continuous 33 2.6 Felt versus Perceived 35 2.7 Intentional versus Instinctual 37 2.8 Consistent versus Discrepant 38 2.9 Private versus Social 39 2.10 Prototypical versus Peripheral 40 2.11

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Sommario/riassunto

"This book is a guide through the contemporary field of automatically detecting speaker states/traits in speech via acoustic and linguistic properties. The authors will first introduce the general topic covering definitions, usability and application, and then discuss the psychological underpinnings of emotions, affect and personality and how they are expressed and categorized in speech. Reflecting the multidisciplinary character of the field, the authors switch to aspects of human speech and language containing speech production and perception, and linguistic and paralinguistic aspects. The authors will also focus on the signal processing and machine learning aspects of the actual computational modelling of emotion and personality and will explain the detection process from corpus collection through feature extraction and model testing to system integration. After a general introduction into computational modelling of emotion and personality including pre-processing, feature extraction and machine learning algorithms, acoustic and linguistic analyses will each be handled in separate chapters. Once emotion and personality have been recognised by a technical system, the question arises how to best integrate this information in a system context, in particular dealing with uncertainty - an aspect often handled with lower attention, neglecting its high importance. The authors will cover this providing an extra chapter on aspects in this context as standards for emotion and personality, dealing with error-prone prediction results, real-time issues, application design, and real-life evaluation of systems. The book will end with a tutorial enabling the reader to build an emotion detection model on an existing corpus. This hands-on approach by integrating actual data sets, software, and open-source utilities will make the book invaluable as a teaching tool and similarly useful for those professionals already in the field"--

"In this book, we will focus on analysis, basically excluding generation and synthesis"--

2. Record Nr.	UNINA9910783178403321
Autore	Kefalas Maria J. <1967->
Titolo	Working-class heroes [[electronic resource]] : protecting home, community, and nation in a Chicago neighborhood / / Maria Kefalas
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ISBN	1-59875-015-1 0-520-93665-5 1-282-76277-X 9786612762772
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Disciplina	306/.09773/11
Soggetti	Working class - Illinois - Chicago Sociology, Urban - Illinois - Chicago Social values - Illinois - Chicago Chicago (Ill.) Social conditions Chicago (Ill.) Race relations Beltway (Chicago, Ill.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 181-194) and index.
Nota di contenuto	Front matter -- CONTENTS -- MAPS AND TABLES -- ACKNOWLEDGMENTS -- INTRODUCTION. In Search of Working-Class Chicago -- ONE. Rethinking Race in the Ethnic White Enclave -- TWO. A Precious Corner of the World -- THREE. Home, Sweet Home -- FOUR. For Country and Home -- CONCLUSION. The Last Garden -- Appendix: In the Field -- Notes -- BIBLIOGRAPHY -- INDEX
Sommario/riassunto	Chicago's Southwest Side is one of the last remaining footholds for the city's white working class, a little-studied and little-understood segment of the American population. This book paints a nuanced and complex portrait of the firefighters, police officers, stay-at-home mothers, and office workers living in the stable working-class community known as Beltway. Building on the classic Chicago School of urban studies and incorporating new perspectives from cultural geography and sociology, Maria Kefalas considers the significance of

home, community, and nation for Beltway residents.

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Classificazione	OST PHILOS
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Soggetti	Zeitschrift
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Livello bibliografico	Periodico