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Titolo	China & ANU : diplomats, adventurers, scholars // William Sima
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Nota di contenuto	Maps --Foreword --Acknowledgements --Prologue --Chapter 1 The road to diplomatic representation: 1931–1941 --Chapter 2 Diplomat and scholar: Frederic Eggleston in Chungking and Canberra, 1941–1946 --Chapter 3 Candid friends: Douglas Copland in Nanking, 1946–1948 --Chapter 4 Far Eastern history: 1948–1954 --Epilogue --Chinese précis.
Sommario/riassunto	The Pacific War and its aftermath radically transformed Australian perceptions of what was then called the 'Near North'. Many recognised that in the postwar world Australia's strategic interests and economic fortunes called for a new understanding of Asia and the Pacific. China loomed large in these calculations. Based on extensive research and featuring rare archival documents and photographs, China & ANU introduces the diplomats, adventurers and scholars who contributed to Australia's engagement with China, the 'Chinese Commonwealth' and our region from the 1940s-1950s. In particular, this book focusses on the interconnection between Australia's first diplomat-scholars in China and the founding of Chinese Studies at the newly established

2. Record Nr.	UNINA9910483843203321
Titolo	Nonlinear Analyses and Algorithms for Speech Processing : International Conference on Non-Linear Speech Processing, NOLISP 2005, Barcelona, Spain, April 19-22, 2005, Revised Selected Papers // edited by Marcos Faundez-Zanuy, Léonard Janer, Anna Esposito, Antonio Satue-Villar, Josep Roure, Virginia Espinosa-Duro
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
ISBN	3-540-32586-7
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 384 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3817
Altri autori (Persone)	Faundez ZanuyMarcos
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Soggetti	Natural language processing (Computer science) Signal processing Artificial intelligence Computer vision Digital humanities Natural Language Processing (NLP) Signal, Speech and Image Processing Artificial Intelligence Computer Vision Digital Humanities
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The COST-277 European Action: An Overview -- The COST-277 European Action: An Overview -- Neuro-fuzzy Logic in Signal Processing for Communications: From Bits to Protocols -- Connected Operators for Signal and Image Processing -- Speaker Recognition -- Exploiting High-Level Information Provided by ALISP in Speaker Recognition -- MLP Internal Representation as Discriminative Features for Improved Speaker Recognition -- Weighting Scores to Improve

Speaker-Dependent Threshold Estimation in Text-Dependent Speaker Verification -- Parameter Optimization in a Text-Dependent Cryptographic-Speech-Key Generation Task -- The COST-277 Speech Database -- Speech Analysis -- Children's Organization of Discourse Structure Through Pausing Means -- F0 and Intensity Distributions of Marsec Speakers: Types of Speaker Prosody -- A Two-Level Drive -- Response Model of Non-stationary Speech Signals -- Advanced Methods for Glottal Wave Extraction -- Cepstrum-Based Estimation of the Harmonics-to-Noise Ratio for Synthesized and Human Voice Signals -- Pseudo Cepstral Analysis of Czech Vowels -- Bispectrum Estimators for Voice Activity Detection and Speech Recognition -- Voice Pathologies -- On the Acoustic-to-Electropalatographic Mapping -- Issues in Clinical Applications of Bilateral Multi-step Predictive Analysis of Speech -- Optimal Size of Time Window in Nonlinear Features for Voice Quality Measurement -- Support Vector Machines Applied to the Detection of Voice Disorders -- Synthesis of Disordered Voices -- Voice Pathology Detection by Vocal Cord Biomechanical Parameter Estimation -- Speech Recognition -- A Speech Recognizer Based on Multiclass SVMs with HMM-Guided Segmentation -- Segment Boundaries in Low Latency Phonetic Recognition -- Third-Order Moments of Filtered Speech Signals for Robust Speech Recognition.- New Sub-band Processing Framework Using Non-linear Predictive Models for Speech Feature Extraction -- Noise Robust Automatic Speech Recognition with Adaptive Quantile Based Noise Estimation and Speech Band Emphasizing Filter Bank -- Spotting Multilingual Consonant-Vowel Units of Speech Using Neural Network Models -- Speech Enhancement -- Novel Sub-band Adaptive Systems Incorporating Wiener Filtering for Binaural Speech Enhancement -- Maximum a Posterior Probability and Cumulative Distribution Function Equalization Methods for Speech Spectral Estimation with Application in Noise Suppression Filtering -- Applications -- Modeling Fluctuations of Voiced Excitation for Speech Generation Based on Recursive Volterra Systems -- A Simple, Quasi-linear, Discrete Model of Vocal Fold Dynamics -- Blind Channel Deconvolution of Real World Signals Using Source Separation Techniques -- Method for Real-Time Signal Processing Via Wavelet Transform.

Sommario/riassunto

We present in this volume the collection of 20 normally accepted papers of NOLISP 2005 conference. It has been the third event in a series of events related to Non-linear speech processing, in the framework of the European COST action 277 "Nonlinear speech processing". Many aspects of the speech signal are not well addressed by conventional models currently used in the field of speech processing. The purpose of NOLISP is to present and discuss novel ideas, work and results related to alternative techniques for speech processing, which depart from mainstream approaches. With this intention in mind, we provide an open forum for discussion. Alternative approaches are appreciated, although the results achieved at present may not clearly surpass results based on state-of-the-art methods. The call for papers was launched at the beginning of 2005, addressing the following domains: 1. Non-Linear Approximation and Estimation 2. Non-Linear Oscillators and Predictors 3. Higher-Order Statistics 4. Independent Component Analysis 5. Nearest Neighbors 6. Neural Networks 7. Decision Trees 8. Non-Parametric Models 9. Dynamics of Non-Linear Systems 10. Fractal Methods 11. Chaos Modeling 12. Non-Linear Differential Equations 13. Others All the main fields of speech processing are targeted by the workshop, namely: 1. Speech Coding: The bit rate available for speech signals must be strictly limited in order to accommodate the constraints of the channel resource.
