

1. Record Nr.	UNISALENT0991001014169707536
Autore	Gurtin, Morton E.
Titolo	An introduction to continuum mechanics / Morton E. Gurtin
Pubbl/distr/stampa	New York : Academic Press, 1981
ISBN	0123097509 9780123097507
Descrizione fisica	xi, 265 p. ; 24 cm
Collana	Mathematics in science and engineering. A series of monographs and textbooks, 0076-5392 ; 158
Classificazione	AMS 73B LC QA808.2.G86
Disciplina	531
Soggetti	Continuum mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliography: p. 243-245 Includes index

2. Record Nr.	UNINA9910484273303321
Titolo	Advances in Nonlinear Speech Processing : International Conference on Non-Linear Speech Processing, NOLISP 2007 Paris, France, May 22-25, 2007 Revised Selected Papers / / edited by Mohamed Chetouani, Amir Hussain, Bruno Gas, Maurice Milgram, Jean-Luc Zarader
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-77347-9
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XI, 288 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 4885
Disciplina	006.3
Soggetti	Computer science Artificial intelligence Natural language processing (Computer science) Biometric identification Digital humanities Computer vision Theory of Computation Artificial Intelligence Natural Language Processing (NLP) Biometrics Digital Humanities Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Non-Linear and Non-Conventional Techniques -- Phase-Based Methods for Voice Source Analysis -- Some Experiments in Audio-Visual Speech Processing -- Exploiting Nonlinearity in Adaptive Signal Processing -- Speech Synthesis -- Mixing HMM-Based Spanish Speech Synthesis with a CBR for Prosody Estimation -- Objective and Subjective Evaluation of an Expressive Speech Corpus -- Speaker Recognition -- On the Usefulness of Linear and Nonlinear Prediction Residual Signals for Speaker Recognition -- Multi Filter Bank Approach for Speaker

Verification Based on Genetic Algorithm -- Speaker Recognition Via Nonlinear Phonetic- and Speaker-Discriminative Features -- Perceptron-Based Class Verification -- Speech Recognition -- Manifold Learning-Based Feature Transformation for Phone Classification -- Word Recognition with a Hierarchical Neural Network -- Hybrid Models for Automatic Speech Recognition: A Comparison of Classical ANN and Kernel Based Methods -- Towards Phonetically-Driven Hidden Markov Models: Can We Incorporate Phonetic Landmarks in HMM-Based ASR? -- A Hybrid Genetic-Neural Front-End Extension for Robust Speech Recognition over Telephone Lines -- Efficient Viterbi Algorithms for Lexical Tree Based Models -- Speech Analysis -- Non-stationary Self-consistent Acoustic Objects as Atoms of Voiced Speech -- The Hartley Phase Cepstrum as a Tool for Signal Analysis -- Voiced Speech Analysis by Empirical Mode Decomposition -- Estimation of Glottal Closure Instances from Speech Signals by Weighted Nonlinear Prediction -- Quantitative Perceptual Separation of Two Kinds of Degradation in Speech Denoising Applications -- Exploitation of non-linear techniques -- An Efficient VAD Based on a Generalized Gaussian PDF -- Estimating the Dispersion of the Biometric Glottal Signature in Continuous Speech -- TrajectoryMixture Density Networks with Multiple Mixtures for Acoustic-Articulatory Inversion -- Application of Feature Subset Selection Based on Evolutionary Algorithms for Automatic Emotion Recognition in Speech.

Sommario/riassunto

This book constitutes the thoroughly refereed postproceedings of the International Conference on Non-Linear Speech Processing, NOLISP 2007, held in Paris, France, in May 2007. The 24 revised full papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book. The papers are organized in topical sections on nonlinear and nonconventional techniques, speech synthesis, speaker recognition, speech recognition, speech analysis, and exploitation of non-linear techniques.
