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Nota di contenuto	List of Contributors -- Preface -- I Foundations -- 1 Introduction (Samy Bengio and Joseph Keshet) -- 1.1 The Traditional Approach to Speech Processing -- 1.2 Potential Problems of the Probabilistic Approach -- 1.3 Support Vector Machines for Binary Classification -- 1.4 Outline -- References -- 2 Theory and Practice of Support Vector Machines Optimization (Shai Shalev-Shwartz and Nathan Srebo) -- 2.1 Introduction -- 2.2 SVM and L2-regularized Linear Prediction -- 2.3 Optimization Accuracy From a Machine Learning Perspective -- 2.4 Stochastic Gradient Descent -- 2.5 Dual Decomposition Methods -- 2.6 Summary -- References -- 3 From Binary Classification to Categorical Prediction (Koby Crammer) -- 3.1 Multi-category Problems -- 3.2 Hypothesis Class -- 3.3 Loss Functions -- 3.4 Hinge Loss Functions -- 3.5 A Generalized Perceptron Algorithm -- 3.6 A Generalized Passive / Aggressive Algorithm -- 3.7 A Batch Formulation -- 3.8 Concluding Remarks -- 3.9 Appendix. Derivations of the Duals of the Passive / Aggressive Algorithm and the Batch Formulation -- References -- II

Acoustic Modeling -- 4 A Large Margin Algorithm for Forced Alignment (Joseph Keshet, Shai Shalev-Shwartz, Yoram Singer and Dan Chazan) -- 4.1 Introduction -- 4.2 Problem Setting -- 4.3 Cost and Risk -- 4.4 A Large Margin Approach for Forced Alignment -- 4.5 An Iterative Algorithm -- 4.6 Efficient Evaluation of the Alignment Function -- 4.7 Base Alignment Functions -- 4.8 Experimental Results -- 4.9 Discussion -- References -- 5 A Kernel Wrapper for Phoneme Sequence Recognition (Joseph Keshet and Dan Chazan) -- 5.1 Introduction -- 5.2 Problem Setting -- 5.3 Frame-based Phoneme Classifier -- 5.4 Kernel-based Iterative Algorithm for Phoneme Recognition -- 5.5 Nonlinear Feature Functions -- 5.6 Preliminary Experimental Results -- 5.7 Discussion: Can we Hope for Better Results? -- References -- 6 Augmented Statistical Models: Using Dynamic Kernels for Acoustic Models (Mark J. F. Gales) -- 6.1 Introduction -- 6.2 Temporal Correlation Modeling.

6.3 Dynamic Kernels -- 6.4 Augmented Statistical Models -- 6.5 Experimental Results -- 6.6 Conclusions -- Acknowledgements -- References -- 7 Large Margin Training of Continuous Density Hidden Markov Models (Fei Sha and Lawrence K. Saul) -- 7.1 Introduction -- 7.2 Background -- 7.3 Large Margin Training -- 7.4 Experimental Results -- 7.5 Conclusion -- References -- III Language Modeling -- 8 A Survey of Discriminative Language Modeling Approaches for Large Vocabulary Continuous Speech Recognition (Brian Roark) -- 8.1 Introduction -- 8.2 General Framework -- 8.3 Further Developments -- 8.4 Summary and Discussion -- References -- 9 Large Margin Methods for Part-of-Speech Tagging (Yasemin Altun) -- 9.1 Introduction -- 9.2 Modeling Sequence Labeling -- 9.3 Sequence Boosting -- 9.4 Hidden Markov Support Vector Machines -- 9.5 Experiments -- 9.6 Discussion -- References -- 10 A Proposal for a Kernel Based Algorithm for Large Vocabulary Continuous Speech Recognition (Joseph Keshet) -- 10.1 Introduction -- 10.2 Segment Models and Hidden Markov Models -- 10.3 Kernel Based Model -- 10.4 Large Margin Training -- 10.5 Implementation Details -- 10.6 Discussion -- Acknowledgements -- References -- IV Applications -- 11 Discriminative Keyword Spotting (David Grangier, Joseph Keshet and Samy Bengio) -- 11.1 Introduction -- 11.2 Previous Work -- 11.3 Discriminative Keyword Spotting -- 11.4 Experiments and Results -- 11.5 Conclusions -- Acknowledgements -- References -- 12 Kernel-based Text-independent Speaker Verification (Johnny Mariethoz, Samy Bengio and Yves Grandvalet) -- 12.1 Introduction -- 12.2 Generative Approaches -- 12.3 Discriminative Approaches -- 12.4 Benchmarking Methodology -- 12.5 Kernels for Speaker Verification -- 12.6 Parameter Sharing -- 12.7 Is the Margin Useful for This Problem? -- 12.8 Comparing all Methods -- 12.9 Conclusion -- References -- 13 Spectral Clustering for Speech Separation (Francis R. Bach and Michael I. Jordan) -- 13.1 Introduction -- 13.2 Spectral Clustering and Normalized Cuts.

13.3 Cost Functions for Learning the Similarity Matrix -- 13.4 Algorithms for Learning the Similarity Matrix -- 13.5 Speech Separation as Spectrogram Segmentation -- 13.6 Spectral Clustering for Speech Separation -- 13.7 Conclusions -- References -- Index.

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## Sommario/riassunto

This book discusses large margin and kernel methods for speech and speaker recognition. Speech and Speaker Recognition: Large Margin and Kernel Methods is a collation of research in the recent advances in large margin and kernel methods, as applied to the field of speech and speaker recognition. It presents theoretical and practical foundations of these methods, from support vector machines to large margin methods for structured learning. It also provides examples of large margin based acoustic modelling for continuous speech recognizers, where the

grounds for practical large margin sequence learning are set. Large margin methods for discriminative language modelling and text independent speaker verification are also addressed in this book. Key Features: . Provides an up-to-date snapshot of the current state of research in this field . Covers important aspects of extending the binary support vector machine to speech and speaker recognition applications . Discusses large margin and kernel method algorithms for sequence prediction required for acoustic modeling . Reviews past and present work on discriminative training of language models, and describes different large margin algorithms for the application of part-of-speech tagging . Surveys recent work on the use of kernel approaches to text-independent speaker verification, and introduces the main concepts and algorithms . Surveys recent work on kernel approaches to learning a similarity matrix from data This book will be of interest to researchers, practitioners, engineers, and scientists in speech processing and machine learning fields.

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Autore

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COZZO, Andrea

Kerdos : semantica, ideologie e società nella Grecia antica / Andrea Cozzo

Roma, : Edizioni dell'Ateneo, c1988

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3. Record Nr.	UNINA9910814909003321
Autore	Aigle Denise
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Nota di contenuto	Preliminary Material -- Introduction -- 1 Mythico-Legendary Figures and History between East and West -- 2 The Mongols and the Legend of Prester John -- 3 The Historiographical Works of Barhebraeus on the Mongol Period -- 4 The Historical taqwim in Muslim East -- 5 Shamanism and Islam in Central Asia. Two Antinomic Religious Universes? -- 6 The Transformation of a Myth of Origins, Genghis Khan and Timur -- 7 Mongol Law versus Islamic Law. Myth and Reality -- 8 From 'Non-Negotiation' to an Abortive Alliance. Thoughts on the Diplomatic Exchanges between the Mongols and the Latin West -- 9 Hülegü's Letters to the Last Ayyubid Ruler of Syria. The Construction of a Model -- 10 Legitimizing a Low-Born, Regicide Monarch. Baybars and the Ilkhans -- 11 The Written and the Spoken Word. Baybars and the Caliphal Investiture Ceremonies in Cairo -- 12 Ghazan Khan's Invasion of Syria. Polemics on his Conversion to Islam and the Christian Troops in His Army -- 13 A Religious Response to Ghazan Khan's Invasions of Syria. The Three "Anti-Mongol" fatws of Ibn Taymiyya -- Epilogue. The Mongol Empire after Genghis Khan -- Maps -- Genealogical Tables -- Bibliography -- Illustrations -- Index.
Sommario/riassunto	In The Mongol Empire between Myth and Reality , Denise Aigle presents the Mongol empire as a moment of contact between political ideologies, religions, cultures and languages, and, in terms of

reciprocal representations, between the Far East, the Muslim East, and the Latin West. The first part is devoted to “The memoria of the Mongols in historical and literary sources” in which she examines how the Mongol rulers were perceived by the peoples with whom they were in contact. In “Shamanism and Islam” she studies the perception of shamanism by Muslim authors and their attempts to integrate Genghis Khan and his successors into an Islamic framework. The last sections deal with geopolitical questions involving the Ilkhans, the Mamluks, and the Latin West. Genghis Khan’s successors claimed the protection of “Eternal Heaven” to justify their conquests even after their Islamization.

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