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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	FOOD REGULATION; TABLE OF CONTENTS; SUMMARY OF CONTENTS; PREFACE; ACKNOWLEDGMENTS; PART I: INTRODUCTORY CHAPTERS; 1. Introduction to Food Regulation in the United States; 2. What Is a Food?; PART II: REGULATION OF LABELING AND CLAIMS; 3. Food Labeling; 4. Nutritional Labeling, Nutrient Level Claims, and Health Claims; 5. Economic and Aesthetic Adulteration; PART III: FOOD SAFETY REGULATION; 6. Food Safety Regulation; 7 Food Additives, Food Colorings, Irradiation; PART IV: SPECIALIZED FOOD REGULATION; 8. Dietary Supplements; 9. Biotechnology and Genetically Engineered Organisms 10. Food Terrorism 11 Importation and Exportation; PART V: INSPECTION AND ENFORCEMENT; 12. Federal Enforcement; 13. Inspections; 14. State Laws and Their Relationship to Federal Laws; 15. Private Actions; PART VI: GENERAL CHAPTERS; 16. International Food Law; 17. Ethics; TABLE OF ABBREVIATIONS; TABLE OF CASES; INDEX; ABOUT THE AUTHOR

Sommario/riassunto

Food Regulation: Law, Science, Policy, and Practice provides an in-depth discussion of the federal statutes, regulations, and regulatory agencies involved in food regulation. After an introduction to U. S. food and drug regulation, it covers current food regulations, inspection and enforcement, international law, the Internet, and ethics. While it contains detailed discussions of policies and case studies, the book is accessible to students and professionals. This is an excellent text for courses in food science, food law, etc., and a practical reference for food industry professionals,

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Algorithmic Learning Theory : 18th International Conference, ALT 2007, Sendai, Japan, October 1-4, 2007, Proceedings / / edited by Marcus Hutter, Rocco A. Servedio, Eiji Takimoto

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Disciplina

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Soggetti

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Data mining
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Nota di contenuto

Editors' Introduction -- Editors' Introduction -- Invited Papers -- A Theory of Similarity Functions for Learning and Clustering -- Machine Learning in Ecosystem Informatics -- Challenge for Info-plosion -- A Hilbert Space Embedding for Distributions -- Simple Algorithmic Principles of Discovery, Subjective Beauty, Selective Attention, Curiosity and Creativity -- Invited Papers -- Feasible Iteration of Feasible Learning Functionals -- Parallelism Increases Iterative Learning Power -- Prescribed Learning of R.E. Classes -- Learning in Friedberg

Numberings -- Complexity Aspects of Learning -- Separating Models of Learning with Faulty Teachers -- Vapnik-Chervonenkis Dimension of Parallel Arithmetic Computations -- Parameterized Learnability of k -Juntas and Related Problems -- On Universal Transfer Learning -- Online Learning -- Tuning Bandit Algorithms in Stochastic Environments -- Following the Perturbed Leader to Gamble at Multi-armed Bandits -- Online Regression Competitive with Changing Predictors -- Unsupervised Learning -- Cluster Identification in Nearest-Neighbor Graphs -- Multiple Pass Streaming Algorithms for Learning Mixtures of Distributions in -- Language Learning -- Learning Efficiency of Very Simple Grammars from Positive Data -- Learning Rational Stochastic Tree Languages -- Query Learning -- One-Shot Learners Using Negative Counterexamples and Nearest Positive Examples -- Polynomial Time Algorithms for Learning k -Reversible Languages and Pattern Languages with Correction Queries -- Learning and Verifying Graphs Using Queries with a Focus on Edge Counting -- Exact Learning of Finite Unions of Graph Patterns from Queries -- Kernel-Based Learning -- Polynomial Summaries of Positive Semidefinite Kernels -- Learning Kernel Perceptrons on Noisy Data Using Random Projections -- Continuity of Performance Metrics for Thin Feature Maps -- Other Directions -- Multiclass Boosting Algorithms for Shrinkage Estimators of Class Probability -- Pseudometrics for State Aggregation in Average Reward Markov Decision Processes -- On Calibration Error of Randomized Forecasting Algorithms.

Sommario/riassunto

This volume contains the papers presented at the 18th International Conference on Algorithmic Learning Theory (ALT 2007), which was held in Sendai (Japan) during October 1–4, 2007. The main objective of the conference was to provide an interdisciplinary forum for high-quality talks with a strong theoretical background and scientific interchange in areas such as query models, on-line learning, inductive inference, algorithmic forecasting, boosting, support vector machines, kernel methods, complexity and learning, reinforcement learning, - supervised learning and grammatical inference. The conference was co-located with the Tenth International Conference on Discovery Science (DS 2007). This volume includes 25 technical contributions that were selected from 50 submissions by the Program Committee. It also contains descriptions of the 7 invited talks of ALT and DS; longer versions of the DS papers are available in the proceedings of DS 2007. These invited talks were presented to the audience of both conferences in joint sessions.
