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Autore	Rokach Lior
Titolo	Pattern classification using ensemble methods [[electronic resource] /] / Lior Rokach
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ISBN	1-282-75785-7 9786612757853 981-4271-07-1
Descrizione fisica	1 online resource (242 p.)
Collana	Series in machine perception and artificial intelligence ; ; v. 75
Disciplina	621.389/28
Soggetti	Pattern recognition systems Algorithms Machine learning Electronic books.
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. 185-222) and index.
Nota di contenuto	Contents; Preface; 1. Introduction to Pattern Classification; 1.1 Pattern Classification; 1.2 Induction Algorithms; 1.3 Rule Induction; 1.4 Decision Trees; 1.5 Bayesian Methods; 1.5.1 Overview.; 1.5.2 Nave Bayes; 1.5.2.1 The Basic Nave Bayes Classifier; 1.5.2.2 Nave Bayes Induction for Numeric Attributes; 1.5.2.3 Correction to the Probability Estimation; 1.5.2.4 Laplace Correction; 1.5.2.5 No Match; 1.5.3 Other Bayesian Methods; 1.6 Other Induction Methods; 1.6.1 Neural Networks; 1.6.2 Genetic Algorithms; 1.6.3 Instance-based Learning; 1.6.4 Support Vector Machines 2. Introduction to Ensemble Learning 2.1 Back to the Roots; 2.2 The Wisdom of Crowds; 2.3 The Bagging Algorithm; 2.4 The Boosting Algorithm; 2.5 The Ada Boost Algorithm; 2.6 No Free Lunch Theorem and Ensemble Learning; 2.7 Bias-Variance Decomposition and Ensemble Learning; 2.8 Occam's Razor and Ensemble Learning; 2.9 Classifier Dependency; 2.9.1 Dependent Methods; 2.9.1.1 Model-guided Instance Selection; 2.9.1.2 Basic Boosting Algorithms; 2.9.1.3 Advanced Boosting Algorithms; 2.9.1.4 Incremental Batch Learning; 2.9.2 Independent Methods; 2.9.2.1 Bagging; 2.9.2.2 Wagging

2.9.2.3 Random Forest and Random Subspace Projection 2.9.2.4 Non-Linear Boosting Projection (NLBP); 2.9.2.5 Cross-validated Committees; 2.9.2.6 Robust Boosting; 2.10 Ensemble Methods for Advanced Classification Tasks; 2.10.1 Cost-Sensitive Classification; 2.10.2 Ensemble for Learning Concept Drift; 2.10.3 Reject Driven Classification; 3. Ensemble Classification; 3.1 Fusions Methods; 3.1.1 Weighting Methods; 3.1.2 Majority Voting; 3.1.3 Performance Weighting; 3.1.4 Distribution Summation; 3.1.5 Bayesian Combination; 3.1.6 Dempster-Shafer; 3.1.7 Vogging; 3.1.8 Nave Bayes
3.1.9 Entropy Weighting 3.1.10 Density-based Weighting; 3.1.11 DEA Weighting Method; 3.1.12 Logarithmic Opinion Pool; 3.1.13 Order Statistics; 3.2 Selecting Classification; 3.2.1 Partitioning the Instance Space; 3.2.1.1 The K-Means Algorithm as a Decomposition Tool; 3.2.1.2 Determining the Number of Subsets; 3.2.1.3 The Basic K-Classifier Algorithm; 3.2.1.4 The Heterogeneity Detecting K-Classifier (HDK-Classifier); 3.2.1.5 Running-Time Complexity; 3.3 Mixture of Experts and Meta Learning; 3.3.1 Stacking; 3.3.2 Arbiter Trees; 3.3.3 Combiner Trees; 3.3.4 Grading; 3.3.5 Gating Network
4. Ensemble Diversity 4.1 Overview; 4.2 Manipulating the Inducer; 4.2.1 Manipulation of the Inducer's Parameters; 4.2.2 Starting Point in Hypothesis Space; 4.2.3 Hypothesis Space Traversal; 4.3 Manipulating the Training Samples; 4.3.1 Resampling; 4.3.2 Creation; 4.3.3 Partitioning; 4.4 Manipulating the Target Attribute Representation; 4.4.1 Label Switching; 4.5 Partitioning the Search Space; 4.5.1 Divide and Conquer; 4.5.2 Feature Subset-based Ensemble Methods; 4.5.2.1 Random-based Strategy; 4.5.2.2 Reduct-based Strategy; 4.5.2.3 Collective-Performance-based Strategy
4.5.2.4 Feature Set Partitioning

Sommario/riassunto

Researchers from various disciplines such as pattern recognition, statistics, and machine learning have explored the use of ensemble methodology since the late seventies. Thus, they are faced with a wide variety of methods, given the growing interest in the field. This book aims to impose a degree of order upon this diversity by presenting a coherent and unified repository of ensemble methods, theories, trends, challenges and applications. The book describes in detail the classical methods, as well as the extensions and novel approaches developed recently. Along with algorithmic descriptions

2.

Record Nr.	UNINA9910464177803321
Autore	Harris W. C (William Conley)
Titolo	Slouching towards gaytheism : christianity and queer survival in America / / W. C. Harris
Pubbl/distr/stampa	Albany, New York : , : SUNY Press, , 2014 ©2014
ISBN	1-4384-5113-X
Descrizione fisica	1 online resource (279 p.)
Collana	SUNY series in queer politics and cultures
Disciplina	241/.664
Soggetti	Homosexuality - Religious aspects - Christianity Homosexuality - United States Electronic books.
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 and index.
Nota di contenuto	""Contents""; ""Acknowledgments""; ""Introduction: Where Gays Lie""; ""1. a€œThe End of the Rainbow, My Pot of Golda€?: The Queer Erotics of Purity Balls and Christian Abstinence Culture""; ""2. Breeding Fraternities: Ex-Gay Ministries, Barebacking, and Alternative Models of Relation""; ""3. Jesus Needs Gays, Yes He Does: Gay Religion, Queer Spirituality, and the Recalcitrance of Ideology""; ""4. Slouching towards Gaytheism: Gay Suicide, a€œIt Gets Better,a€? and Religiona€?s Stranglehold on Queer Survival""; ""Conclusion: Before the Cock Crows""; ""Notes""; ""Works Cited""; ""Index""

3. Record Nr. UNINA9910830473803321

Autore	Papaspyrides Constantine D
Titolo	Solid state polymerization [[electronic resource] /] / Constantine D. Papaspyrides, Stamatina N. Vouyiouka
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2009
ISBN	1-282-13738-7 9786612137389 0-470-45183-1 0-470-45182-3
Descrizione fisica	1 online resource (314 p.)
Classificazione	UV 2100 VE 8000 VK 8000 VN 5900
Altri autori (Persone)	VouyioukaStamatina N
Disciplina	660 668.9/2 668.92
Soggetti	Polymerization Solid state chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	SOLID STATE POLYMERIZATION; CONTENTS; Contributors; Preface; 1 Fundamentals of Solid State Polymerization; 1.1 Introduction; 1.1.1 Polymers and Plastics; 1.1.2 Polymerization Processes; 1.1.3 Introduction to Solid State Polymerization; 1.2 Solid State Polymerization of Chain-Growth Polymers (Solid State Polyaddition); 1.3 Solid State Polymerization of Step-Growth Polymers (Solid State Polycondensation); 1.3.1 Monomer Solid State Polymerization (Direct SSP); 1.3.2 Prepolymer Solid State Polymerization (Post-SSP, Solid State Finishing); 1.4 Solid State Polymerization Apparatus and Assemblies 1.5 Solid State Applications in the Polymer Industry1.5.1 Solid State Polymerization Advantages; 1.5.2 Post-Solid State Polymerization Application in Polyamides; 1.6 Conclusions; 2 Solid State Polymerization Chemistry and Mechanisms: Unequal Reactivity of End Groups; 2.1 Introduction; 2.2 Special Characteristics of Solid State

Polymerization; 2.3 Classical Kinetic Equations in Solid State Polymerization; 2.4 Model of Molecular Morphology and Chain-End Movement; 2.4.1 Definition of Chain-End Length in the Amorphous Phase; 2.4.2 How End Groups Move During Solid State Polymerization
2.4.3 How Chain-End Length Affects the Movement of End Groups2.5 Reactivity of End Groups; 2.5.1 Principles of Equal Reactivity of End Groups in Melt Polymerization; 2.5.2 Principles of Unequal Reactivity of End Groups in Solid State Polymerization; 2.5.3 Sources of Low Reactivity of End Groups; 2.6 Why Intrinsic Viscosity Levels Off During Solid State Polymerization; 2.6.1 Definition of Residual Average Radius and Residual End-Group Concentration; 2.6.2 Relationship Between (r) and; 2.6.3 Relationship Between C(r), (r), and Ultimate IV
2.6.4 Explanation of Temperature Effect on Solid State Polymerization2.6.5 Explanation of Initial IV Effect on Solid State Polymerization; 2.7 Solid State Polymerization Kinetics; 2.7.1 Kinetic Equation of Ideal Solid State Polymerization; 2.7.2 Empirical Kinetic Equation of Real Solid State Polymerization; 2.8 Conclusions; 3 Kinetic Aspects of Polyester Solid State Polymerization; 3.1 Introduction; 3.2 Phenomena Involved in Solid State Polymerization of Polyesters; 3.2.1 Possible Reactions in Solid State Polymerization of Polyesters
3.2.2 Chain Mobility and Diffusion of Low-Molecular-Weight By-Products3.2.3 Kinetic and Diffusion Equations; 3.3 Modeling Solid State Polymerization of Polyesters; 3.3.1 Effects of Variables and Predictions Based on Kinetic Models; 3.4 Solid State Polymerization of Typical Polyesters; 3.4.1 Poly(ethylene terephthalate); 3.4.2 Poly(butylene terephthalate); 3.4.3 Poly(ethylene naphthalate); 3.4.4 Poly(trimethylene terephthalate); 3.4.5 Poly(L-lactic acid); 3.5 Conclusions; 4 Kinetic Aspects of Polyamide Solid State Polymerization; 4.1 Introduction
4.2 Simple Kinetic Models of Solid State Polyamidation

Sommario/riassunto

The most current guide to solid state polymerization Solid State Polymerization (SSP)is an indispensable tool in the design, manufacture, and study of polymers, plastics, and fibers. SSP presents significant advantages over other polymerization techniques due to low operating temperatures, inexpensive equipment, and simple and environmentally sound procedures. Combining fundamentals of polymer science, chemistry, physical chemistry, and engineering, SSP also offers many research applications for a wide range of students and investigators. Gathering and filtering the latest literature on SS