

1. Record Nr.	UNINA9910532227803321
Autore	Shafer Glenn <1946->
Titolo	Game-theoretic foundations for probability and finance / / Glenn Ray Shafer, Rutgers University, New Jersey, USA, Vladimir Vovk, University of London, Surrey, UK
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2019
ISBN	1-118-54802-7 1-118-54793-4 1-118-54803-5
Edizione	[1st edition]
Descrizione fisica	1 online resource (483 pages)
Collana	Wiley series in probability and statistics
Disciplina	332.01/5193
Soggetti	Finance - Statistical methods Finance - Mathematical models Game theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Earlier edition published in 2001 as: Probability and finance : it's only a game!
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Game-theoretic probability and finance come of age Glenn Shafer and Vladimir Vovk's Probability and Finance , published in 2001, showed that perfect-information games can be used to define mathematical probability. Based on fifteen years of further research, Game-Theoretic Foundations for Probability and Finance presents a mature view of the foundational role game theory can play. Its account of probability theory opens the way to new methods of prediction and testing and makes many statistical methods more transparent and widely usable. Its contributions to finance theory include purely game-theoretic accounts of Ito's stochastic calculus, the capital asset pricing model, the equity premium, and portfolio theory. Game-Theoretic Foundations for Probability and Finance is a book of research. It is also a teaching resource. Each chapter is supplemented with carefully designed exercises and notes relating the new theory to its historical context. Praise from early readers "Ever since Kolmogorov's Grundbegriffe , the standard mathematical treatment of probability theory has been

measure-theoretic. In this ground-breaking work, Shafer and Vovk give a game-theoretic foundation instead. While being just as rigorous, the game-theoretic approach allows for vast and useful generalizations of classical measure-theoretic results, while also giving rise to new, radical ideas for prediction, statistics and mathematical finance without stochastic assumptions. The authors set out their theory in great detail, resulting in what is definitely one of the most important books on the foundations of probability to have appeared in the last few decades.” – Peter Grünwald, CWI and University of Leiden “Shafer and Vovk have thoroughly re-written their 2001 book on the game-theoretic foundations for probability and for finance. They have included an account of the tremendous growth that has occurred since, in the game-theoretic and pathwise approaches to stochastic analysis and in their applications to continuous-time finance. This new book will undoubtedly spur a better understanding of the foundations of these very important fields, and we should all be grateful to its authors.” – Ioannis Karatzas, Columbia University

2. Record Nr.	UNINA9910809674103321
Autore	Khakimullin Yuri N.
Titolo	Polysulfide oligomer sealants : synthesis, properties, and applications / / Yuri N. Khakimullin, DSc, Vladimir S. Minkin, DSc, and Timur R. Deberdeev, DSc
Pubbl/distr/stampa	Toronto : , : Apple Academic Press, , [2015] ©2015
ISBN	1-77463-345-0 0-429-17064-5 1-77188-029-5
Descrizione fisica	1 online resource (299 p.)
Disciplina	620.1/99 620.199
Soggetti	Oligomers Sealing compounds Polymers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali

Translated from Russian edition published in 2007.

Nota di bibliografia

Includes bibliographical references at the end of each chapters.

Nota di contenuto

FRONT COVER; ABOUT THE AUTHORS; CONTENTS; LIST OF ABBREVIATIONS; LIST OF SYMBOLS; ABSTRACT; PREFACE; INTRODUCTION; CHAPTER 1 - SYNTHESIS, STRUCTURE AND PROPERTIES OF POLYSULFIDE OLIGOMERS; CHAPTER 2 - VULCANIZATION, COMPOSITION AND PROPERTIES OF POLYSULFIDE OLIGOMER SEALANTS; CHAPTER 3 - VULCANIZATION MECHANISMS FOR POLYSULFIDE OLIGOMERS AND THE INFLUENCE OF A VULCANIZING AGENT'S NATURE ON THE PROPERTIES OF SEALANTS; CHAPTER 4 - MODIFICATION OF THIOKOL SEALANTS; CHAPTER 5 - THE INFLUENCE OF FILLERS ON THE PROPERTIES OF POLYSULFIDE OLIGOMER SEALANTS CHAPTER 6 - TECHNOLOGICAL AND SERVICE PROPERTIES OF SEALANTS, BASED ON POLYSULFIDE OLIGOMERSBACK COVER

Sommario/riassunto

This valuable book is devoted to problems of the synthesis, vulcanization, modification, and study of structure and properties of highly filled sealants based on polysulfide oligomers (PSO). The book summarizes information concerning chemistry, synthesis technology, structure, and properties of liquid thiokols and thiokol-containing polyesters. It also presents a literary survey on chemism and mechanisms for liquid thiokols vulcanization involving oxidants or through polyaddition. The book describes formulation principles of sealants, their properties, and application areas. The book provides r

3. Record Nr.	UNINA9910484049603321
Titolo	Intelligent Information and Database Systems : 9th Asian Conference, ACIDS 2017, Kanazawa, Japan, April 3-5, 2017, Proceedings, Part I // edited by Ngoc Thanh Nguyen, Satoshi Tojo, Le Minh Nguyen, Bogdan Trawiski
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-54472-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XLIV, 817 p. 269 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 10191
Disciplina	006.3
Soggetti	Artificial intelligence Information storage and retrieval systems Data mining Application software Computer vision Algorithms Artificial Intelligence Information Storage and Retrieval Data Mining and Knowledge Discovery Computer and Information Systems Applications Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Knowledge Engineering and Semantic Web -- Social Networks and Recommender Systems -- Text Processing and Information Retrieval -- Intelligent Database Systems -- Intelligent Information Systems -- Decision Support and Control Systems -- Machine Learning and Data Mining -- Computer Vision Techniques -- Advanced Data Mining Techniques and Applications -- Intelligent and Context Systems -- Multiple Model Approach to Machine Learning -- Applications of Data Science -- Artificial Intelligence Applications for E-services -- Automated Reasoning and Proving Techniques with Applications in Intelligent Systems -- Collective Intelligence for Service Innovation,

Technology Opportunity, E-Learning and Fuzzy Intelligent Systems -- Intelligent Computer Vision Systems and Applications -- Intelligent Data Analysis, Applications and Technologies for Internet of Things -- Intelligent Algorithms and Brain Functions -- Intelligent Systems and Algorithms in Information Sciences -- IT in Biomedicine -- Intelligent Technologies in the Smart Cities in the 21st Century -- Analysis of Image, Video and Motion Data in Life Sciences -- Modern Applications of Machine Learning for Actionable Knowledge Extraction -- Mathematics of Decision Sciences and Information Science -- Scalable Data Analysis in Bioinformatics and Biomedical Informatics -- and Technological Perspective of Agile Transformation in IT organizations.

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#### Sommario/riassunto

The two-volume set LNAI 10191 and 10192 constitutes the refereed proceedings of the 9th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2017, held in Kanazawa, Japan, in April 2017. The total of 152 full papers accepted for publication in these proceedings was carefully reviewed and selected from 420 submissions. They were organized in topical sections named: Knowledge Engineering and Semantic Web; Social Networks and Recommender Systems; Text Processing and Information Retrieval; Intelligent Database Systems; Intelligent Information Systems; Decision Support and Control Systems; Machine Learning and Data Mining; Computer Vision Techniques; Advanced Data Mining Techniques and Applications; Intelligent and Context Systems; Multiple Model Approach to Machine Learning; Applications of Data Science; Artificial Intelligence Applications for E-services; Automated Reasoning and Proving Techniques with Applications in Intelligent Systems; Collective Intelligence for Service Innovation, Technology Opportunity, E-Learning and Fuzzy Intelligent Systems; Intelligent Computer Vision Systems and Applications; Intelligent Data Analysis, Applications and Technologies for Internet of Things; Intelligent Algorithms and Brain Functions; Intelligent Systems and Algorithms in Information Sciences; IT in Biomedicine; Intelligent Technologies in the Smart Cities in the 21st Century; Analysis of Image, Video and Motion Data in Life Sciences; Modern Applications of Machine Learning for Actionable Knowledge Extraction; Mathematics of Decision Sciences and Information Science; Scalable Data Analysis in Bioinformatics and Biomedical Informatics; and Technological Perspective of Agile Transformation in IT organizations.

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