1. Record Nr. UNINA990000176090403321

Titolo	3. : 924 p., 15 tav. : ill.
Pubbl/distr/stampa	Leipzig und Wien : Bibliographisches Institut, 1905-
Edizione	[6. ganz. neub. und verm. auf.]
Descrizione fisica	v. ; 24 cm
Disciplina	033
Locazione	FINBC
Collocazione	13 AR 26 A 11
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910480938803321

Autore	Hagiopol Cornel
Titolo	Copolymerization [[electronic resource]] : Toward a Systematic Approach / / by Cornel Hagiopol
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 1999
ISBN	1-4615-4183-2
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (XI, 228 p.)
Disciplina	541.2254
Soggetti	Polymers Chemoinformatics Chemical engineering Polymer Sciences Computer Applications in Chemistry Industrial Chemistry/Chemical Engineering
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	1. Binary Copolymerization -- 1.1. Copolymers and Copolymerization Processes -- 1.2. The Terminal Kinetic Model: The Copolymer Composition Equation -- 1.3. Copolymerization Reaction Types -- 1.4. The Integral Form of the Copolymerization Equation -- 1.5. Use of the Differential and Integral Forms of the Mayo—Lewis Equation to Describe Copolymerization Processes -- 2. Estimation of Reactivity Ratios -- 2.1. Analysis of Experimental Data -- 2.2. How Consistent Are Existing Reactivity Ratios? -- 2.3. Differential Methods for Calculating Reactivity Ratios -- 2.4. Preliminary Remarks on an Experimental Strategy for Estimating Reactivity Ratios -- 2.5. Shortcomings of Differential Methods when Conversion Is Taken into Account -- 2.6. Estimation of Reactivity Ratios when Conversion Values Are Taken into Account -- 2.7. The Use of Composition versus Conversion Data in Estimating Reactivity Ratios -- 2.8. Recalculated Values for Reactivity Ratios -- 2.9. Experimental Errors and Effectiveness of theQ—eScheme -- 3. Ternary Copolymerization -- 3.1. The Terminal Kinetic Model: The Alfrey—Goldfinger Equation. -- 3.2. Estimation of Reactivity Ratios Directly from Ternary Copolymerization Data -- 3.3. Azeotropy with Ternary Copolymerization -- 3.4. Consistency of Reactivity Ratio Values Used in Ternary Copolymerization -- 3.5. Do Ternary Azeotropes Exist? (Pseudoazeotropy) -- 4. Going Beyond the Limits of the Terminal Model -- 4.1. The Extent to Which the Mayo—Lewis Equation Can Fit All Copolymerization Data -- 4.2. Higher Order Kinetic Models -- 4.3. The Potential of Experimental Composition Data -- 4.4. Optimal Experimental Design for Estimating Reactivity Ratios -- 4.5. Model Discrimination -- 4.6. Generalized Kinetic Model for Binary Copolymerization -- 5. Homogeneous and Heterogeneous Copolymerization -- 5.1. Copolymerization within Initially Homogeneous Systems -- 5.2. Emulsion Copolymerization -- 5.3. Copolymer Composition and the Mechanism of Emulsion Copolymerization -- 6. Running a Copolymerization Process.
Sommario/riassunto	Copolymerization is a very widely used industrial process, in fact the dominant process in macromolecular chemistry. With the advent of widespread computing power, this book will be very useful both to academic researchers in copolymerization and to researchers in industry concerned with the synthesis of polymers such as plastics, rubbers, chemical fibers, and paints. A disk with 15 computer programs accompanies the book.

3. Record Nr. UNINA9910450562903321

Titolo	Advances and challenges in multisensor data and information processing [[electronic resource] /] / edited by Eric Lefebvre
Pubbl/distr/stampa	Amsterdam, Netherlands ; ; Washington, DC, : IOS Press, c2007
ISBN	6610934797 1-280-93479-4 9786610934799 1-60750-232-1 600-00-0327-7 1-4337-0858-2
Descrizione fisica	1 online resource (412 p.)
Collana	NATO security through science series. Sub-series D, Information and communication security, , 1574-5589 ; ; v. 8
Altri autori (Persone)	LefebvreEric <1968->
Disciplina	621.389/28
Soggetti	Multisensor data fusion Terrorism - Prevention Electronic surveillance Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published in cooperation with NATO Public Diplomacy Division." "Proceedings of the NATO Advanced Study Institute on Multisensor Data and Information Processing for Rapid and Robust Situation and Threat Assessment, Albena, Bulgaria, 16-27 May 2005"--T.p. verso.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Title page; Preface; Contents; Sensor Data Fusion: Methods, Applications, Examples; Simulation of Distributed Sensor Networks; Joint Target Tracking and Classification via Sequential Monte Carlo Filtering; A Survey on Assignment Techniques; Non-Linear Techniques in Target Tracking; Underwater Threat Source Localization: Processing Sensor Network TDOAs with a Terascale Optical Core Device; On Quality of Information in Multi-Source Fusion Environments; Polarimetric Features and Contextual Information Fusion for Automatic Target Detection and Recognition Enhancing Efficiency of Dynamic Threat Analysis for Combating and Competing SystemsEvidence Theory for Robust Ship Identification in

Airborne Maritime Surveillance Missions; Improved Threat Evaluation Using Time of Earliest Weapon Release; Detection of Structural Changes in a Multivariate Data Using Change-Point Models; Unification of Fusion Theories (UFT); Belief Functions Theory for Multisensor Data Fusion; Dempster-Shafer Evidence Theory Through the Years: Limitations, Practical Examples, Variants Under Conflict and a New Adaptive Combination Rule
Decision Support and Information Fusion in the Context of Command and ControlFusion in European SMART Project on Space and Airborne Mined Area Reduction; The DSmT Approach for Information Fusion and Some Open Problems; Multitarget Tracking Applications of Dezert-Smarandache Theory; Image Registration: A Tutorial; Automated Registration for Fusion of Multiple Image Frames to Assist Improved Surveillance and Threat Assessment; Data Fusion and Image Processing: A Few Application Examples; Secondary Application Wireless Technologies to Increase Information Potential for Defence Against Terrorism
Adaptive Image Fusion Using Wavelets: Algorithms and System DesignMethods for Fused Image Analysis and Assessment; Object Tracking by Particle Filtering Techniques in Video Sequences; Wavelets, Segmentation, Pixel- and Region- Based Image Fusion; Data Fusion and Quality Assessment of Fusion Products: Methods and Examples; Information Management Methods in Sensor Networks; A Novel Method for Correction of Distortions and Improvement of Information Content in Satellite-Acquired Multispectral Images; Multisensor Data Fusion in the Processes of Weighing and Classification of the Moving Vehicles Sensor Performance Estimation for Multi-Camera Ambient Security Systems: A ReviewPrinciples and Methods of Situation Assessment; Higher Level Fusion for Catastrophic Events; Ontology-Driven Knowledge Integration from Heterogeneous Sources for Operational Decision Making Support; Evaluation of Information Fusion Techniques Part 1 - System Level Assessment; Evaluation of Information Fusion Techniques Part 2 - Metrics; Rapid and Reliable Content Based Image Retrieval; Subject Index; Author Index

Sommario/riassunto

Information fusion resulting from multi-source processing is a relatively young technology domain. This book deals with the following research areas: Target recognition/classification and tracking; Sensor systems; Image processing; Remote sensing and remote control; Belief functions theory; and Situation assessment.