1. Record Nr. UNISOBSOBE00039206

Autore	Corneille, Pierre
Titolo	2:Polyeucte. Pompée. Le menteur. La suite du menteur. Rodogune. Théodore vierge et martyre. Héraclius. Andromède. Don Sanche d'Aragon. Nicomède. Pertharite / [Corneille]
Pubbl/distr/stampa	Paris : Garnier, 1942
Descrizione fisica	814 p. ; 19 cm
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISA996465291603316

Titolo	Holonic and Multi-Agent Systems for Manufacturing [[electronic resource]] : 4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems, HoloMAS 2009, Linz, Austria, August 31 - September 2, 2009, Proceedings / / edited by Vladimir Marik, Thomas Strasser, Alois Zoitl
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-03668-6
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XI, 326 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 5696
Disciplina	670.42722gerDNB
Soggetti	Artificial intelligence Computer-aided engineering Application software Management information systems Computer science Production management Information technology Business—Data processing Artificial Intelligence Computer-Aided Engineering (CAD, CAE) and Design Computer Appl. in Administrative Data Processing Management of Computing and Information Systems Operations Management

	IT in Business
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	and Motivation -- Holonic Rationale and Self-organization on Design of Complex Evolvable Systems -- Service-Oriented Agents for Collaborative Industrial Automation and Production Systems -- Usability of Multi-agent Based Control Systems in Industrial Automation -- Knowledge-Centered Approaches -- An Organizational Knowledge Ontology for Automotive Supply Chains -- Semantic Extension of Agent-Based Control: The Packing Cell Case Study -- Product Design Network Self-contextualization: Enterprise Knowledge-Based Approach and Agent-Based Technological Framework -- Selected Theoretical Aspects -- Collaboration of Metaheuristic Algorithms through a Multi-Agent System -- Functional Integrity of Multi-agent Computational System Supported by Component-Based Implementation -- On the Empirical Evaluation of an Interdisciplinary Framework for Automated Negotiation -- MAS Scheduling and Simulation -- A Decentralized Scheduling Policy for a Dynamically Reconfigurable Production System -- A Study on Real-Virtual Interaction Method for Production Scheduling Using Model Plant -- Using an Agent-Supported Simulation Environment for Intelligent Manufacturing Systems -- A Study on Real-Time Scheduling for Holonic Manufacturing Systems – Determination of Utility Values Based on Multi-agent Reinforcement Learning -- MAS Control -- An Open-Control Concept for a Holonic Multiagent System -- Plan, Commit, Execute Protocol in Multi-agent Systems -- Distributed Sensing and Control Architecture for Automotive Factory Automation -- MAS-Based Cooperative Control for Biotechnological Process-A Case Study -- Design and Implementation of LabVIEW-Based IEC61499 Compliant Device -- Holonic Systems for Manufacturing -- Holonic-Based Environment for Solving Transportation Problems -- Holonic Manufacturing Paint Shop -- Development of a Holonic Free-Roaming AGV System for Part Manufacturing -- Safety Discrete Event Models for Holonic Cyclic Manufacturing Systems -- A Holonic Chain Conveyor Control System: An Application -- MAS and Holonic Applications -- A Multiagent System for Self-organisation of an 802.11 Mesh Network -- Mobility Model for Tactical Networks -- Holonic Modelling of Large Scale Geographic Environments -- Holonic Models for Traffic Control Systems -- A Multi-Agent System for the Pay-As-You-GO (PAYGO) Social Security Scheme -- Contract Monitoring in Agent-Based Systems: Case Study -- A Multi-agent Scheduler for Rent-a-Car Companies -- A Framework for Multi Robot Guidance Control.
Sommario/riassunto	This book constitutes the refereed proceedings of the 4th International Conference on Industrial Applications of Holonic and Multi-Agent Systems, HoloMAS 2009, held in Linz, Austria, August 31 - September 2, 2009. The 31 revised full papers presented were carefully reviewed and selected from 47 submissions. The papers are organized in topical sections on introduction & motivation, knowledge-centered approaches, selected theoretical aspects, MAS scheduling & simulation, holonic systems for manufacturing, and MAS & holonic applications.

3. Record Nr. UNINA9910139247203321

Autore	Takadoum Jamal
Titolo	Nanomaterials and Surface Engineering [[electronic resource]]
Pubbl/distr/stampa	Hoboken, : Wiley, 2013
ISBN	1-118-61852-1 1-118-61861-0 1-299-31538-0 1-118-61882-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (374 p.)
Collana	ISTE
Disciplina	620.44 620.5 620/.44
Soggetti	Nanostructured materials Protective coatings -- Materials Surfaces Protective coatings - Materials Chemical & Materials Engineering Engineering & Applied Sciences Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Nanomaterials and Surface Engineering; Title Page; Copyright Page; Table of Contents; Preface; Chapter 1. Architecture of Thin Solid Films by the GLAD Technique; 1.1. Introduction; 1.2. The GLAD technique; 1.2.1. Deposition with an oblique angle; 1.2.2. Deposition on mobile substrate; 1.3. Resulting properties; 1.3.1. Structure and morphology; 1.3.1.1. Crystallography; 1.3.1.2. Porosity; 1.3.1.3. Surface morphology; 1.3.2. Mechanical properties; 1.3.2.1. Elasticity; 1.3.2.2. Hardness; 1.3.3. Optical properties; 1.3.3.1. Filtering; 1.3.3.2. Birefringency; 1.3.4. Electronic properties 1.3.4.1. Conductivity1.3.4.2. Photonics; 1.4. Conclusions and outlooks; 1.5. Bibliography; Chapter 2. Transparent Polymer Nanocomposites: A New Class of Functional Materials; 2.1. Introduction; 2.2. Nanoparticle

modifications; 2.2.1. Silane; 2.2.1.1. Grafting of silanes; 2.2.1.2. Polymer grafting using grafted silanes; 2.2.1.3. Silane coating; 2.2.2. Grafted polymer; 2.2.2.1. "Grafting onto"; 2.2.2.2. "Grafting from"; 2.2.3. Coating; 2.2.3.1. Silica coating; 2.2.3.2. Polymer coating; 2.3. Nanoparticles and nanocomposites; 2.3.1. Nanoparticles; 2.3.2. Transparent polymers used as matrices
2.3.3. Nanocomposite processing2.3.3.1. Melt blending; 2.3.3.2. Solvent casting techniques; 2.3.3.3. In situ synthesis; 2.3.4. Desired properties; 2.3.4.1. Optical properties; 2.3.4.2. Thermomechanical and mechanical properties; 2.4. Conclusion; 2.5. Bibliography; Chapter 3. Nanostructures by Ion Irradiation; 3.1. Introduction; 3.2. Physical bases; 3.2.1. The slowing down process; 3.2.2. Spatial distribution of damages in collisional regime; 3.2.3. Damaging by electronic slowing down in swift heavy ion tracks; 3.3. Nanostructures produced in ballistic regime; 3.3.1. Implantation
3.3.1.1. Concentration gradients in implantation layers3.3.1.2. Variety of structures obtained by IBS; 3.3.2. Sputtering; 3.3.2.1. Cleaning, roughening of surface for improving the adhesion of coatings; 3.3.2.2. Surface relief induced by the combined effects of erosion and diffusion; 3.3.3. Ion beam assisted deposition (IBAD) and ion beam deposition (IBD) of monoatomic ions or clusters; 3.3.4. Ion beam mixing; 3.3.5. Patterning; 3.4. Nanostructures produced in electronic slowing down regime; 3.4.1. Radiolysis of polymers; 3.4.1.1. Properties of tracks in organic polymers
3.4.1.2. Semi-organic polymers and gels3.4.2. Filters and templates; 3.4.3. Dissolution or growth of particles in composites; 3.4.4. Modification of magnetic properties; 3.5. Conclusions; 3.6. Appendix: basic formula of ion stopping; 3.7. Bibliography; Chapter 4. Microencapsulation; 4.1. Introduction; 4.2. The processes of microencapsulation; 4.2.1. Physico-chemical processes; 4.2.1.1. Coacervation; 4.2.1.2. Evaporation of solvant; 4.2.2. Chemical processes; 4.2.3. Other chemical and physico-chemical methodologies; 4.2.4. Fluidized bed equipment; 4.2.5. Other physical processes
4.3. Kinetics of release

Sommario/riassunto

This book covers a wide range of topics that address the main areas of interest to scientists, engineers, and students concerned with the synthesis, characterization and applications of nanomaterials. Development techniques, properties, and examples of industrial applications are all widely represented as they apply to various nanostructured materials including nanocomposites and multilayered nanometric coatings. It is recommended to anyone working in the field of nanomaterials, especially in connection with the functionalization and engineering of surfaces.