

1. Record Nr.	UNISA996466366103316
Titolo	Flexible Query Answering Systems [[electronic resource]] : 8th International Conference, FQAS 2009, Roskilde, Denmark, October 26-28, 2009, Proceedings // edited by Troels Andreasen, Ronald R. Yager, Henrik Bulskov, Henning Christiansen, Henrik Legind Larsen
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-04957-5
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 676 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 5822
Disciplina	005.74
Soggetti	Natural language processing (Computer science) Information storage and retrieval Data mining Artificial intelligence Database management Application software Natural Language Processing (NLP) Information Storage and Retrieval Data Mining and Knowledge Discovery Artificial Intelligence Database Management Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Selected conference papers.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Database Management -- A Flexible Querying Approach Based on Outranking and Classification -- Ranking Approximate Query Rewritings Based on Views -- A Model for Contextual Cooperative Query Answering in E-Commerce Applications -- Reasoning on Incompleteness of Spatial Information for Effectively and Efficiently Answering Range Queries over Incomplete Spatial Databases -- Abstracting Query Building for Multi-entity Faceted Browsing -- On Fuzzy vs. Metric Similarity Search in Complex Databases -- Querying

Context-Aware Databases -- Information Retrieval -- An Exploratory Study on Using Social Information Networks for Flexible Literature Access -- Dynamically Personalizing Search Results for Mobile Users -- On the Selection of the Best Retrieval Result Per Query -- An Alternative Approach to Data Fusion -- Sociomapping in Text Retrieval Systems -- Query Reformulation Based on Relevance Feedback -- Multi-objective Query Optimization Using Topic Ontologies -- Effectiveness of Aggregation Methods in Blog Distillation -- Structural Relevance Feedback in XML Retrieval -- Query Disambiguation Based on Novelty and Similarity User's Feedback -- Extraction of 3D Feature Descriptor Using the Distribution of Normal Vectors -- Re-ranking Documents Based on Query-Independent Document Specificity -- Browsing Recommendation Based on the Intertemporal Choice Model -- Design of an Interface for Interactive Topic Detection and Tracking -- Representing Context Information for Document Retrieval -- Searching Multiple Artifacts: A Comprehensive Framework for Complex Search Situations -- Extraction and Mining -- Expected Answer Type Identification from Unprocessed Noisy Questions -- ONTOGRABBING: Extracting Information from Texts Using Generative Ontologies -- Mining Tree-Based Frequent Patterns from XML -- Automatic Web Pages Author Extraction -- Syntactic Extraction Approach to Processing Local Document Collections -- Conceptual Indexing of Text Using Ontologies and Lexical Resources -- Information Extraction from Text Based on Semantic Inferentialism -- Flexible SPARQL Querying of Web Data Tables Driven by an Ontology -- Trajectory Clustering via Effective Partitioning -- Semantically Expanding Questions for Supervised Automatic Classification -- GRAANK: Exploiting Rank Correlations for Extracting Gradual Itemsets -- Ontologies and Semantic Web -- Controlled Aggregate Tree Shaped Questions over Ontologies -- A Semantic Similarity Measure for Ontology-Based Information -- An Extendable Meta-learning Algorithm for Ontology Mapping -- Accessing and Documenting Relational Databases through OWL Ontologies -- A Formal Framework on the Semantics of Regulatory Relations and Their Presence as Verbs in Biomedical Texts -- Ontology Graphical Editor for Multilingual Document Search System -- Finding Top-k Approximate Answers to Path Queries -- Intelligent Information Extraction from Texts -- Extraction of Conditional and Causal Sentences from Queries to Provide a Flexible Answer -- Semantic Enrichment of Database Textual Attributes -- Interlingual Information Extraction as a Solution for Multilingual QA Systems -- Semantic Paraphrasing for Information Retrieval and Extraction -- Named Entity Recognition Experiments on Turkish Texts -- Advances in Fuzzy Querying: Theory and Applications -- Fuzzy Querying in Intelligent Information Systems -- Content-Based Retrieval of Audio in News Broadcasts -- Linguistic Summary-Based Query Answering on Data Cubes with Time Dimension -- About Bipolar Division Operators -- On Reaching Consensus by a Group of Collaborating Agents -- Dealing with Positive and Negative Query Criteria in Fuzzy Database Querying -- Personalization, Preferences, Context and Recommendation -- Predicting Neighbor Goodness in Collaborative Filtering -- Content-Oriented Relevance Feedback in XML-IR Using the Garnata Information Retrieval System -- Exploiting Social Tagging Profiles to Personalize Web Search -- Incremental Personalised Summarisation with Novelty Detection -- Web as a Stream -- Stream Reasoning: A Survey and Further Research Directions -- Feed Querying as a Proxy for Querying the Web.

Roskilde, Denmark, in October 2009. The 57 papers included in this volume were carefully reviewed and selected from 90 submissions. They are structured in topical sections on database management, information retrieval, extraction and mining, ontologies and semantic web, intelligent information extraction from texts, advances in fuzzy querying, personalization, preferences, context and recommendation, and Web as a stream.

2. Record Nr.	UNINA9910964892903321
Titolo	Diamond-like carbon films // Yuto S. Tanaka, editor
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2012
ISBN	1-61324-909-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (219 p.)
Collana	Materials science and technologies
Altri autori (Persone)	TanakaYuto S
Disciplina	667/.9
Soggetti	Diamonds, Artificial Diamond thin films
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	Intro -- DIAMOND-LIKE CARBON FILMS -- DIAMOND-LIKE CARBON FILMS -- Contents -- Preface -- Advanced Pulsed Arc Technique of Fabrication of DLC Films and Their Technical and Medical Applications -- 1. Design and Operating Principles of the Pulsed Plasma Source -- The Main Result of the DLC Film Deposition by Pulsed Arc Technique -- 2. Plasma Separation -- 3. Spectroscopic and Probe Diagnostics of Carbon Plasma -- 4. A Novel Combined PVD-CVD Method of DLC Film Depositing -- References -- Peculiarities of Ion-Beam Synthesis of Carbon-Based Phases -- Abstract -- 1. Introduction -- 2. The Principle of Structural Compliance at Phase Transformation under Ion Irradiation -- 3. Experimental Evidences of the Principle of Structural Compliance at Ion Synthesis of Carbon-Rich or other Bulk Phases -- 3.1. Carbon Phase with the Face-Centered Cubic Structure Formed under Irradiation of Graphite Films -- 3.2. Ion Synthesis of Silicon Carbide by Carbon Implantation in Si -- 3.3. Ion Synthesis of Al ₄ C ₃ , AlN and AlB Phases --

4. Carbon and Carbon-Rich Nanophases -- Conclusion -- Acknowledgments -- References -- Electron Field Emission Properties of Nonmetal and Metal Doped Diamond Like Carbon -- 1. Abstract -- 2. Introduction -- 2.1. Diamond Like Carbon (DLC) as a Material -- 2.2. Structure of DLC -- 2.3. Why also there is Interest in DLC -- 2.4. Difficulties of Pure DLC Material and how to over Come the Problems -- 3. Basic Theory of Electron Field Emission -- 4. Field Emission of DLC Thin Films -- 5. Synthesis and Field Emission of Metal and Nonmetal Doped DLC Thin Films -- 5.1. Synthesis and Electron Field Emission Property of Silicon Incorporated DLC (Si-DLC) Thin Films -- 5.2. Synthesis and Field Emission Property of Ag-DLC Thin Films -- 5.3. Synthesis and Study the Field Emission of Fluorine Doped (F-DLC) Thin Films -- Conclusion -- References.

Internal Stress of Hydrogenated Diamond-Like Carbon Films -- Abstract -- 1. Internal Stress of Diamond-Like Carbon (DLC) Thin Film -- 1.1. Origin of the Internal Stress -- 1.2. Reduction in the Internal Stress -- 2. Internal Stress of DLC Thin Films Deposited by EBEP-CVD -- 2.1. EBEP-CVD System -- 2.2. Correlation between Deposition Parameters and Film Properties [32] -- 2.3. Correlations between Internal Stresses and Structural Properties [32] -- 2.4. Internal Stress Reduction by Silicon Incorporation [44] -- References -- Diamond-Like Carbon Films Improve their Properties with the Incorporation of Crystalline Diamond Particles -- Abstract -- Introduction -- Tribocorrosion -- Diamond-Like Carbon (DLC) -- Nanoparticle-Incorporated DLC Films -- The Synthesis Procedure of Crystalline Diamond-Incorporated DLC Films -- CD-DLC Film Characterization -- Electrochemical Tests -- Tribocorrosion -- Conclusion -- Acknowledgments -- References -- DLC Thin Films Growth in Thermionic Vacuum Arc Technologies: TVA and GTVA -- Abstract -- Introduction -- Experimental details -- Electrodes Configuration -- Results and Discussion -- Conclusions -- Acknowledgments -- References -- Hard Cr-Containing Diamond-Like Carbon Films in Mid-Frequency Dual-Magnetron Sputtering -- Abstract -- Section 1: Hard and Superhard Cr-Containing -- Diamond-Like Carbon Films -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 2: Cr-Doped DLC Films in Three Mid-Frequency Magnetron Power Modes -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 3: Preparation and Properties of -- Thick DLC Film -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 4: Influence of Cr Content and Nanograin Size on Microstructure, Mechanical and Sliding Tribological Behavior of Hard Cr-DLC Films. 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- References -- A Diamond-Like Carbon Film Applied as an Alignment Layer for LCDs -- Abstract -- 1. Introduction -- 2. DLC Films Using Ion Beam or UV Light Non-Contact Alignment Process -- 2.1. Experiment -- 2.2. Results and Discussion -- 2.2.1. PECVD and Sputtered DLC Films -- 2.2.2. UV Photo-Alignment -- 2.2.3. Ion beam alignment -- 3. Novel DLC Films without Any Alignment Process -- 3.1. Experiments -- 3.2. Results and Discussion -- 3.2.1. Optical Characteristics -- 3.2.2. Electro-Optical Characteristics -- 3.2.3. DLC Film Conditions -- 3.2.4. LC Adsorbability to the DLC Film -- 4. Summary -- Acknowledgment -- References -- Index.

Sommario/riassunto

This book presents current research from across the globe in the study of diamond-like carbon films. Topics discussed include the peculiarities of ion-beam synthesis of carbon-based phases; electron field emission properties of non-metal and metal doped diamond like carbon; internal stress and its reduction of hydrogenated diamond-like

carbon thin films deposited by plasma CVD methods; incorporating crystalline diamond particles in diamond-like carbon films to improve their properties and diamond-like carbon films applied as an alignment layer for LCDs.
