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Titolo	Adaptive Multimedia Retrieval. Large-Scale Multimedia Retrieval and Evaluation [[electronic resource]] : 9th International Workshop, AMR 2011, Barcelona, Spain, July 18-19, 2011, Revised Selected Papers / / edited by Marcin Detyniecki, Ana García-Serrano, Andreas Nürnberger, Sebastian Stober
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 7836
Classificazione	DAT 760f SS 4800
Disciplina	025.0425
Soggetti	Information storage and retrieval Multimedia information systems Data mining User interfaces (Computer systems) Database management Application software Information Storage and Retrieval Multimedia Information Systems Data Mining and Knowledge Discovery User Interfaces and Human Computer Interaction Database Management Information Systems Applications (incl. Internet) Kongress2011 Conference papers and proceedings.
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Nota di contenuto	Learning-Based Interactive Retrieval in Large-Scale Multimedia -- A User Study of Visual Search Performance with Interactive 2D and 3D Storyboards -- An Illustrated Methodology for Evaluating ASR Systems

-- Context-Aware Features for Singing Voice Detection in Polyphonic Music -- Personalization in Multimodal Music Retrieval -- Classifying Images at Scene Level: Comparing Global and Local Descriptors -- Effectiveness of ICF Features for Collection-Specific CBIR -- An Experimental Comparison of Similarity Adaptation Approaches -- Combining Sources of Description for Approximating Music Similarity Ratings -- An Approach to Automatic Music Band Member Detection Based on Supervised Learning.

Sommario/riassunto

This book constitutes the refereed post-proceedings of the 9th International Conference on Adaptive Multimedia Retrieval, AMR 2011, held in Barcelona, Spain, in July 2011. The 9 revised full papers and the invited contribution presented were carefully reviewed and selected from numerous submissions. The papers cover topics ranging from theoretical work to practical implementations and its evaluation, most of them dealing with audio or music media. They are organized in topical sections on evaluation and user studies, audio and music, image retrieval, and similarity and music.

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Titolo

Applied polymer science [[electronic resource]] : 21st century / / edited by Clara D. Craver and Charles E. Carraher, Jr

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Altri autori (Persone)

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Front Cover; Applied Polymer Science 21st Century; Copyright Page; PREFACE; EDITORS; CONTENTS; SECTION 1: INTRODUCTION; Chapter 1. History of the American Chemical Society Division of Polymeric Materials. Science and Engineering; Chapter 2. Introduction to Polymer Science and Technology; Chapter 3. Polymer Nomenclature; Chapter 4. Polymer Education; SECTION 2: POLYMER SCIENCE AND TECHNOLOGY; Chapter 5. Polymer Chain Configurations. Measurement and Applications; Chapter 6. Polyolefins; Chapter 7. Styrene Polymers and Copolymers; Chapter 8. Poly(vinyl chloride); Chapter 9. Plasticizers Chapter 10. Engineering Thermoplastics Chapter 11. Thermosetting Plastics; Chapter 12. Thermoset Elastomers; Chapter 13. Thermoplastic Elastomers and their Applications; Chapter 14. Fibers; Chapter 15. Adhesive and Sealant Chemistry; Chapter 16. Industrially Important Polysaccharides; Chapter 17. Electrically Conducting Polymers; Chapter 18. History and Development of Polymer Blends and IPNS; Chapter 19. Polymer Processing; Chapter 20. Fire and Polymers; Chapter 21. Epoxy Resins; Chapter 22. Developments in the Commercialization of Water-Soluble Polymers; SECTION 3: COATINGS Chapter 23. History of Coatings Chapter 24. High Performance Industrial Coatings; Chapter 25. Advances in Alkyd Resins; Chapter 26. White Pigments; Chapter 27. Colored Organic Pigments; Chapter 28. Solvents in Today's Coatings; Chapter 29. Rheology and Coating Flows; Chapter 30. Water-Borne Coatings; SECTION 4: NEW MATERIALS; Chapter 31. New Materials for the 21st Century; Chapter 32. Polymer Materials for Microelectronics Imaging Applications; Chapter 33. Polymers for Electronic Packaging in the 21st Century; Chapter 34. Organometallic and Metal-Containing Organic Polymers-An Overview SECTION 5: SPECTROSCOPIC AND PHYSICAL CHARACTERIZATION Chapter 35. Fourier Transform Infrared Spectroscopy of Polymers; Chapter 36. Raman Spectroscopy of Polymers; Chapter 37. NMR Characterization of Polymers; Chapter 38. Mass Spectrometric Analysis of Polymers; Chapter 39. Polymer Characterization By Fluorescence Spectroscopy; Chapter 40. Physical Characterization of Polymeric Materials; Chapter 41. Challenges in Particle Size Distribution Measurement-Past, Present and For the 21st Century; Chapter 42. The Thermal Analysis of Polymers; Chapter 43. Dynamic Mechanical Properties of Polymers SECTION 6: POLYMERIZATION/POLYMERIZATION MECHANISM Chapter 44. Free Radical Polymerization; Chapter 45. Step-Growth Polymerization; Chapter 46. Ionic Polymerization; Chapter 47. An Overview of Transition Metal-Mediated Polymerizations. Catalysts for the 21st Century; AUTHOR INDEX; KEYWORD INDEX

Sommario/riassunto

The 75th Anniversary Celebration of the Division of Polymeric Materials: Science and Engineering of the American Chemical Society, in 1999 sparked this third edition of Applied Polymer Science with emphasis on the developments of the last few years and a serious look at the challenges and expectations of the 21st Century. This book is divided into six sections, each with an Associate Editor responsible for the contents with the group of Associate Editors acting as a board to interweave and interconnect various topics and to insure complete coverage. These areas repr