

1. Record Nr.	UNINA990000678120403321
Autore	Fera, Giuseppe <1950- >
Titolo	Autocostruzione : marginalità o proposta / G. Fera, N. Ginatempo
Pubbl/distr/stampa	Reggio Calabria : Casa del libro, 1982
Descrizione fisica	131 p. ; 24 cm
Collana	Collana dell'Istituto di progettazione, Istituto universitario statale di architettura di Reggio Calabria ; 18
Altri autori (Persone)	Ginatempo, Nella
Disciplina	301.54
Locazione	DINST DCATA
Collocazione	01 L 4021 163000
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA990006411010403321
Autore	Bonomo, Giuseppe
Titolo	Scongiori del popolo siciliano / Giuseppe Bonomo
Pubbl/distr/stampa	Palermo : Palumbo, [stampa]1953
Descrizione fisica	689 p. ; 22 cm
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
3. Record Nr.	UNICAMPANIASUN0123403
Autore	Basu, Bikramjit
Titolo	Biomaterials for Musculoskeletal Regeneration : Concepts / Bikramjit Basu
Pubbl/distr/stampa	XXXIII, 420 p., : ill. ; 24 cm
Edizione	[Singapore : Springer, 2017]
Descrizione fisica	Pubblicazione in formato elettronico
Disciplina	660.6 610.28 620.1
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

4. Record Nr.	UNINA9910462602603321
Autore	Bistue Belen
Titolo	Collaborative translation and multi-version texts in early modern Europe // Belen Bistue
Pubbl/distr/stampa	Burlington, VT : , : Ashgate, , [2013] ©2013
ISBN	1-317-16435-0 1-317-16434-2 1-4724-1159-5
Descrizione fisica	1 online resource (196 p.)
Collana	Transculturalisms, 1400-1700
Disciplina	418/.02094
Soggetti	European literature - Renaissance, 1450-1600 - Criticism, Textual Translating and interpreting - Europe Intercultural communication - Europe European literature - Translations - History and criticism Electronic books.
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	Introduction: Collaborative practices, multi-version texts, and the difficulty of thinking translation -- Res difficilis -- Unthinkable practices -- Unthinkable texts -- Translation as discredited text-model in early modern fiction -- Epilogue: Imagining translation in early modern Europe.
Sommario/riassunto	Focusing on team translation and the production of multilingual editions, and on the difficulties these techniques created for Renaissance translation theory, this book interrogates textual practices that were widespread in medieval and Renaissance Europe but have been excluded from translation and literary history. Comparing actual translation texts and strategies with the forceful theoretical demands for unity that characterize the reflections of early modern translators, the author challenges assumptions frequently made in translation and literary analysis.

5. Record Nr.	UNISALENTO991004050309707536
Titolo	Les universites europeennes du 16. au 18. siecle : histoire sociale des populations etudiantes / ed. par Dominique Julia, Jacques Revel
Pubbl/distr/stampa	Paris : Editions de l'Ecole des hautes etudes en sciences sociales, 1986-1989
ISBN	2713208492
Descrizione fisica	2v. ; 23 cm
Altri autori (Persone)	Revel, Jacques <1942- > Julia, Dominique
Soggetti	Studenti universitari - Europa - Sec. 16.-18 Università - Europa - Sec. 16.-18 378.198094
Lingua di pubblicazione	Non definito
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1: Boheme, Espagne, Etats italiens, Pays germaniques, Pologne, Provinces-Unies / etudes rassemblees par Dominique Julia, Jacques Revel, Roger Chartier

6. Record Nr.	UNISALENTO991001960529707536
Autore	Ebner, Fred
Titolo	Die Bezeichnungen des menschlichen Kopfes, seiner Teile und Defekte in den katalanischen Mundarten / Fred Ebner
Pubbl/distr/stampa	Basel : [s.n.], 1975
Descrizione fisica	431 p. : ill. ; 29 cm.
Disciplina	467
Soggetti	Dialetti spagnoli
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Dissertation zur Erlangung der Wurde eines Doktors der Philosophie vorgelegt der philosophisch-Historischen Fakultat der Universitat, Basel
7. Record Nr.	UNINA9910165083703321
Autore	Hess Joan
Titolo	Martians in maggody / / Joan Hess ; cover design by Andy Ross
Pubbl/distr/stampa	New York : , : MysteriousPress.com : , : Open Road, , 2016 ©1994
ISBN	1-5040-3724-3
Descrizione fisica	1 online resource (186 pages)
Collana	An Arly Hanks Mystery
Disciplina	813/.54
Soggetti	Hanks, Arly (Fictitious character) Maggody (Ark. : Imaginary place) Police - Arkansas Policewomen Arkansas Fiction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

8. Record Nr.	UNINA9910704722503321
Titolo	Environmental cooperation : GLOBE Program : agreement between the United States of America and Saudi Arabia, signed at Washington, September 30, 2002, with appendices
Pubbl/distr/stampa	[Washington, D.C.] : , : United States Department of State, , [2013?]
Descrizione fisica	1 online resource (21 unnumbered pages)
Collana	Treaties and other international acts series ; ; 02-930
Soggetti	Environmental education - Law and legislation - United States Environmental education - Law and legislation - Saudi Arabia Environmental protection - International cooperation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on August 16, 2013).

9. Record Nr.	UNINA9910705857303321
Autore	Nelson Michael L.
Titolo	Buckets, aggregative, intelligent agents for publishing // Michael L. Nelson [and three others]
Pubbl/distr/stampa	Hampton, Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , May 1998
Descrizione fisica	1 online resource (7 pages) : illustrations
Collana	NASA/TM ; ; 1998-208419
Soggetti	Subroutine libraries (computers) Architecture (computers) Semantics Data storage Documents Software development tools
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"May 1998." "Performing organization: NASA Langley Research Center"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (page 7). Includes bibliographical references (pages 18-19).

10. Record Nr.	UNINA9910783126103321
Autore	Kirch Patrick Vinton
Titolo	Hawaiki, ancestral Polynesia : an essay in historical anthropology // Patrick Vinton Kirch, Roger C. Green
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2001
ISBN	1-107-12083-7 1-280-41802-8 0-511-17730-5 1-139-14656-4 0-511-06700-3 0-511-06069-6 0-511-33004-9 0-511-61367-9 0-511-06913-8
Descrizione fisica	1 online resource (xvii, 375 pages) : digital, PDF file(s); illustrations, maps
Disciplina	996.9/0009/014
Soggetti	Ethnology - Hawaii Ethnology - Polynesia Hawaiians - Social life and customs Polynesians - Social life and customs Hawaii Antiquities Polynesia Antiquities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 317-355) and indexes.
Nota di contenuto	Cover; Half-title; Title; Copyright; Dedication; Contents; Figures; Tables; Preface; Acknowledgments; Abbreviations; Language abbreviations; Prologue: on historical anthropology; Chapter 1 The phylogenetic model in historical anthropology; Chapter 2 Methodologies: implementing the phylogenetic model; Chapter 3 Polynesia as a phylogenetic unit; Introductory remarks; Chapter 4 The Ancestral Polynesian world; Chapter 5 Subsistence; Chapter 6 Food preparation and cuisine; Chapter 7 Material culture; Chapter 8 Social

and political organization; Chapter 9 Gods, ancestors, seasons, and rituals

Epilogue: on history, phylogeny, and evolution; Notes; Prologue; 1 The phylogenetic model in historical anthropology; 2 Methodologies; 3 Polynesia as a phylogenetic unit; Part II Introductory remarks; Glossary of terms; References; Subject index; Index of Proto Polynesian (PPN) Reconstructions

Sommario/riassunto

The power of an anthropological approach to long-term history lies in its unique ability to combine diverse evidence, from archaeological artifacts to ethnographic texts and comparative word lists. In this innovative book, Kirch and Green explicitly develop the theoretical underpinnings, as well as the particular methods, for such a historical anthropology. Drawing upon and integrating the approaches of archaeology, comparative ethnography, and historical linguistics, they advance a phylogenetic model for cultural diversification, and apply a triangulation method for historical reconstruction. They illustrate their approach through meticulous application to the history of the Polynesian cultures, and for the first time reconstruct in extensive detail the Ancestral Polynesian culture that flourished in the Polynesian homeland - Hawaiki - some 2,500 years ago. Of great significance for Oceanic studies, Kirch and Green's book will be essential reading for any anthropologist, prehistorian, linguist, or cultural historian concerned with the theory and method of long-term history.

11. Record Nr.	UNINA9910790491303321
Autore	Haghi A. K.
Titolo	Electrospinning of nanofibers in textiles // A.K. Haghi
Pubbl/distr/stampa	Oakville, Ont. : , : Apple Academic Press, , 2012
ISBN	0-429-09769-7 1-4665-5867-9
Descrizione fisica	1 online resource (139 p.)
Disciplina	677/.02832
Soggetti	Electrospinning Nanofibers Textile fabrics
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 (p. [127]) and index.
Nota di contenuto	Front Cover; Contents; List of Abbreviations; Preface; 1. Electrospun Nanofibers: An Introduction; 2. Update on Effect of Systematic Parameters; 3. Update on Electrospun Polyacrylonitrile Nanofibers; 4. Update on Fabrication of New Class of Electrospun Nanofibers; 5. Update on Instability in Electrospun Nanofibers; 6. Update on Control of Electrospun Nanofiber Diameter-Part I; 7. Update on Control of Electrospun Nanofiber Diameter-Part II; 8. Update on Control of Electrospun Web Pores Structure; 9. Update on Control of some of the Governing Parameters in Electrospinning 10. Effects of Electric Field and Sericin Content in the Blend on the Nanofibers Uniformity 11. Update on Electroless plating of Fabrics with Nanoparticles; 12. Update on Lamination of Nanofibers; 13. Update on New Class of Nonwovens; 14. Update on Control of Electrospun Nanofiber Diameter-Part III; References
Sommario/riassunto	Electrospinning of nanofibers has emerged as a specialized processing technique for the formation of sub-micron fibers, with high specific surface areas. Electrospinning of Nanofibers in Textiles presents important new research in the dynamic and emerging field of electrospinning and covers all aspects of the technology as used to produce nanofibers.

12. Record Nr.	UNINA9910790261103321
Autore	Wuthnow Robert
Titolo	Boundless faith [[electronic resource]] : the global outreach of American churches // Robert Wuthnow
Pubbl/distr/stampa	Berkeley, : University of California Press, c2009
ISBN	0-520-94306-6
Descrizione fisica	1 online resource (359 p.)
Disciplina	266/.02373
Soggetti	Missions, American Protestant churches - United States - Missions
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 (p. 303-324) and index.
Nota di contenuto	Front matter -- Contents -- Preface -- Introduction -- 1. At Home and Abroad The Changing Contours of American Religion -- 2. The Global Christianity Paradigm From Cultural Connection to Demographic Distance -- 3. Four Faces of Globalization Debating Heterogeneity and Inequality -- 4. The Evolution of Transnational Ties Changing Patterns of Social Organization -- 5. The Global Role of Congregations Bridging Borders through Direct Engagement -- 6. Faith and Foreign Policy Does Religious Advocacy Matter? -- 7. The Challenges Ahead Good for America, Good for the World? -- Appendix -- Notes -- Selected Bibliography -- Index
Sommario/riassunto	In Boundless Faith, the first book to look systematically at American Christianity in relation to globalization, Robert Wuthnow shows that American Christianity is increasingly influenced by globalization and is, in turn, playing a larger role in other countries and in U.S. policies and programs abroad. These changes, he argues, can be seen in the growth of support at home for missionaries and churches in other countries and in the large number of Americans who participate in short-term volunteer efforts abroad. These outreaches include building orphanages, starting microbusinesses, and setting up computer networks. Drawing on a comprehensive survey that was conducted for this book, as well as several hundred in-depth interviews with church leaders, Wuthnow refutes several prevailing stereotypes: that U.S. churches have turned away from the global church and overseas

missions, that congregations only look inward, and that the growing voice of religion in areas of foreign policy is primarily evangelical. This fresh and revealing book encourages Americans to pay attention to the grass-roots mechanisms by which global ties are created and sustained.

13. Record Nr.	UNINA9910815866303321
Autore	Bachner Michael
Titolo	Sponsoring im internationalen Profi-Fussball : Mannschafts- oder Veranstaltungssponsoring am Beispiel der Automobilwirtschaft // Michael Bachner
Pubbl/distr/stampa	Hamburg : , : Diplomica Verlag, , 2013
ISBN	3-8428-3496-9
Descrizione fisica	1 online resource (105 p.)
Disciplina	796.33263
Soggetti	Sports
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Sponsoring im internationalen Profi-Fußball; Vorwort; Inhaltsverzeichnis; Abkürzungsverzeichnis; Abbildungsverzeichnis; Tabellenverzeichnis; 1 Einleitung; 2 Grundlagen Sponsoring; 2.1 Definition und Begriff des Sponsorings; 2.2 Einordnung des Sponsorings in den Marketing Mix; 2.3 Erscheinungsformen des Sponsorings; 2.4 Strukturen des Sponsoring-Marktes; 2.5 Planungsprozess des Sponsorings; 3 Grundlagen Sportsponsoring; 3.1 Definition und Begriff des Sportsponsorings; 3.2 Erscheinungsformen des Sportsponsorings; 3.2.1 Sponsoring von Fußballmannschaften 3.2.2 Sponsoring einer Fußballveranstaltung3.3 Entwicklung einer Sportsponsoringstrategie; 3.4 Sportsponsoring und Markenführung; 3.5 Erfolgskontrolle im Sportsponsoring; 4 Sponsoring-Möglichkeiten im internationalen Profi-Fußball; 4.1 FIFA Fußball Weltmeisterschaft; 4.2 FIFA Klub-Weltmeisterschaft; 4.3 UEFA Fußball Europameisterschaft; 4.4 UEFA Champions League; 4.5 UEFA Europa League; 4.6 Nationalmannschaften; 4.7 Vereinsmannschaften; 4.8 Bewertung der

Sponsoring Möglichkeiten; 4.9 Vergleich Mannschafts- und Veranstaltungssponsoring; 5 Fallstudien zum Sponsoring der Automobilhersteller
5.1 Audi 5.2 Ford; 5.3 Hyundai/Kia; 5.4 Mercedes-Benz; 5.5 Seat; 5.6 Toyota; 5.7 Volkswagen; 5.8 Vergleich und Bewertung der Sponsoringstrategien; 5.8.1 Vergleich Sponsoring Audi und Mercedes-Benz; 5.8.2 Vergleich Sponsoring Toyota und VW; 5.8.3 Vergleich Sponsoring Hyundai/Kia, Ford und Seat; 6 Schlussbetrachtung; Anhang; Anlagenverzeichnis; Anlage 1: Expertengespräch FC Bayern München AG; Anlage 2: Expertengespräch Audi AG; Anlage 3: Expertengespräch Seat Deutschland GmbH; Anlage 4: Expertengespräch Volkswagen AG; Literaturverzeichnis

Sommario/riassunto

Die FIFA Fussball Weltmeisterschaft 2006 in Deutschland wurde nach Angaben der FIFA weltweit in 214 Ländern übertragen. Insgesamt verfolgten dieses sportliche Großereignis über 26 Milliarden Zuschauer vor dem Fernseher. Diese unglaublich große Begeisterung und Faszination für den Fußball wird zunehmend von Automobilherstellern genutzt, um in einem positiven Umfeld bzw. auf der Plattform Fußball ihre Marke zu präsentieren. Sportsponsoring stellt dabei im Rahmen einer erlebnisorientierten Markenführung für einen Automobilhersteller ein sehr gutes Kommunikationsinstrument dar. Neben dem reinen fu

14. Record Nr.	UNINA9910799213503321
Autore	Pareek Prakash
Titolo	Cognitive Computing and Cyber Physical Systems : 4th EAI International Conference, IC4S 2023, Bhimavaram, Andhra Pradesh, India, August 4-6, 2023, Proceedings, Part I // edited by Prakash Pareek, Nishu Gupta, M. J. C. S. Reis
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031488887 3031488881
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (490 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 536
Altri autori (Persone)	GuptaNishu ReisM. J. C. S
Disciplina	621.3821 004.6
Soggetti	Computer networks Artificial intelligence Application software Computer systems Computers, Special purpose Computer Networks Artificial Intelligence Computer and Information Systems Applications Computer System Implementation Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machine Learning and Its Applications -- Schizophrenia Identification through Deep Learning on Spectrogram Images -- An Optimized Ensemble Machine Learning Framework for Multi-Class Classification of Date Fruits by Integrating Feature Selection Techniques -- Harmonizing Insights: Python-based Data Analysis of Spotify's Musical Tapestry -- Comparative Study of Predicting Stock Index Using Deep Learning Models -- Enhancing Heart Disease Prediction through a

Heterogeneous Ensemble DL Models -- IoT-based pesticide detection in fruits and vegetables using Hyperspectral Imaging and deep learning -- STATISTICAL ANALYSIS OF HEMATOLOGICAL PARAMETERS FOR PREDICTION OF SICKLE CELL DISEASE -- Optimized Route Planning and Precise Circle Detection in Unmanned Aerial Vehicle with Machine Learning -- DRL based multi-objective resource optimization technique in a multi-cloud environment -- Aspect Level Sentiment Analysis to extract valuable insight for Airline's customer Feedback and Reviews -- Drug Recommendations Using A Reviews And Sentiment Analysis By RNN -- Optimizing Real Estate Prediction - A Comparative Analysis of Ensemble and Regression Models -- ESTIMATION OF POWER CONSUMPTION PREDICTION OF ELECTRICITY USING MACHINE LEARNING -- Medical Plants Identification using Leaves Based on Convolutional Neural Networks -- An Efficient Real-time NIDS using Machine-learning methods -- Maixdock Based Driver Drowsiness Detection System Using CNN -- A Novel Approach to Visualize Arrhythmia Classification Using 1D CNN -- Exploring Machine Learning Models for Solar Energy Output Forecasting -- The survival analysis of mental fatigue utilizing the estimator of Kaplan-Meier and Nelson-Aalen -- Cyber Security and Signal Processing -- EEMS - EXAMINING THE ENVIRONMENT OF THE JOB METAVERSE SCHEDULING FOR DATA SECURITY -- Text Analysis Based Human Resource Productivity Profiling -- A novel technique for analyzing the sentiment of social media posts using deep learning techniques -- Comparative Analysis of Pretrained Models for Speech Enhancement in Noisy Environments -- Use of Generative Adversarial Network (GAN) under insufficient data -- Unraveling the Techniques for Speaker Diarization -- LUT-Based Area-Optimized Accurate Multiplier Design for signal processing applications -- Speaker Recognition using Convolutional Autoencoder in Mismatch Condition with Small Dataset in noisy background -- Face Emotion Recognition based on images using the Haar-Cascade front end approach -- TextRank-based Keyword Extraction for Constructing a Domain-Specific Dictionary -- Creating a Protected Virtual Learning Space: A Comprehensive Strategy for Security and User Experience in Online Education -- LIGHTWEIGHT CRYPTOGRAPHY MODEL FOR OVERHEAD AND DELAY REDUCTION IN THE NETWORK -- Modelling the Data Object Routing in Data Aware Networking -- Image Processing -- Glaucoma Stage Classification using Image empirical mode decomposition (IEMD) and Deep Learning from Fundus Images -- Implementation and Performance Evaluation of Asymmetrical Encryption scheme for Lossless Compressed Grayscale Images -- Optimization of Single Image Dehazing based on Stationary Wavelet Transform -- A Chest X-Ray Image Based Model for Classification and Detection of Diseases -- Enlighten GAN for super resolution images from surveilliance car -- Brain Tumor Classification through MR Imaging: A Comparative Analysis -- An Efficient Denoising of Medical Images Through Convolutional Neural Network.

Sommario/riassunto

This 2-volume set constitutes the post-conference proceedings of the 4th EAI International Conference on Cognitive Computing and Cyber Physical Systems, IC4S 2023, Bhimavaram, Andhra Pradesh, India, during August 4-6, 2023. The theme of IC4S 2023 was: cognitive approaches with machine learning and advanced communications. The 70 full papers were carefully reviewed and selected from 165 submissions. The papers are clustered in thematical issues as follows: machine learning and its applications; cyber security and signal processing; image processing; smart power systems; smart city ecosystem and communications.

15. Record Nr.	UNINA9910633912603321
Titolo	Emerging Nanomaterials : Opportunities and Challenges in Forestry Sectors // edited by Hamid R. Taghiyari, Jeffrey J. Morrell, Azamal Husen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-17378-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (369 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	338.476205 620.115
Soggetti	Forests and forestry Nanotechnology Botany Biotechnology Anatomy Genetics Forestry Plant Science Genetics and Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Preface -- Chapter. 1. Emerging nanomaterials for forestry and associated sectors: An overview -- Chapter. 2. Potential of Nanomaterials in Bio-Based Wood Adhesives: An Overview -- Chapter. 3. Nanomaterials to improve fire properties in wood and wood-based composite panels -- Chapter. 4. Wood Plastic Composites (WPC): Applications of Nanomaterials -- Chapter. 5. Nanomaterials to improve properties in wood-based composite panels -- Chapter. 6. Nanomaterials to improve the strength of wooden joints -- Chapter. 7. Application of nanomaterials for wood protection -- Chapter. 8. Nanocellulose in paper and board coating -- Chapter. 9. Green Materials for Radiation Shielding: An overview -- Chapter. 10. Formaldehyde emissions from wood-based composites: Effects of

nanomaterials.

Sommario/riassunto

Bio-based materials, including those containing wood, will become increasingly important as we move to a bio-based economy. Among their many attributes, it is vitally important that these materials are renewable, sustainable with proper management and environmentally benign. Wood remains one of our most important bio-based materials. While it is an amazing material, wood still has negative attributes and drawbacks that can affect performance, including dimensional instability when wetted, vulnerability to fire and high temperatures, and susceptibility to biodeterioration. A variety of treatments have been developed to overcome these weaknesses. Among the most exciting of these treatments are nanomaterials. These materials have some exceptionally attractive properties for improving timber performance and have been the subject of intensive research over the past decade. There is a tremendous need for a single comprehensive source of information on this rapidly emerging subject with tremendous potential to enhance the performance of a variety of bio-based materials. This book contains 10 chapters, each compiled by different author(s) who are considered the top researcher(s) in their respective fields. The chapters begin with some basic background on nanomaterials and their synthesis, then explore different areas for potential applications and conclude with a review of the emerging questions about nanomaterial safety. The book is designed to provide the latest information and know-how on application and utilization of different nanomaterials to improve the properties of wood and wood-based composite panels. The contents cover some main topics in the industry including improving physical and mechanical properties, increasing resistance to biodegradation (including fungi and insects), developing wood-plastic composites (WPC), applying nanomaterials in paper and board industry, and emergence of transparent wood and radiation shielding. It also covers the use of nanomaterials to improve the performance of paints and finishes used for forest products. The book provides a single location for those interested in the field to begin.
