

IOS PRESS BOOK CATALOGUE

Administrative & Social Sciences | Biochemistry, Medicine & Health | Computer & Communication Sciences | Engineering | Environmental Sciences | Geosciences | Mathematics | Neuroscience | Physics | Rehabilitation & Assistive Technology | Security & Terrorism | Urban Studies



Impacting the World of Science

Contents

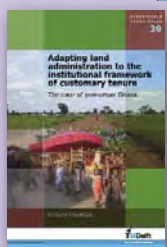
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■ Books

| Administrative & Social Sciences

Adapting Land Administration to the Institutional Framework of Customary Tenure

The Case of Peri-Urban Ghana
Imprint: Delft University Press
Volume 39 Sustainable Urban Areas
Author: A. Arko-Adjei
April 2011, 282 pp., softcover
ISBN 978-1-60750-746-8 (print)
ISBN 978-1-60750-747-5 (online)
Price: US\$94 / €65

Readership: It will prove a useful reference for policy makers and practitioners in the land administration field.

Innovations in Public Governance

Volume 15 Innovation and the Public Sector
Editors: A.-V. Anttiroiko, S.J. Bailey and P. Valkama
May 2011, 252 pp., hardcover
ISBN 978-1-60750-726-0 (print)
ISBN 978-1-60750-727-7 (online)
Price: US\$170 / €120

Readership: Academics, teachers and students, but also developers, public managers and politicians in their efforts to create and implement governance innovations in different application areas and in various societal and political contexts.

Innovative Trends in Public Governance in Asia

Volume 16 Innovation and the Public Sector
Editors: A.-V. Anttiroiko, S.J. Bailey and P. Valkama
May 2011, 252 pp., hardcover
ISBN 978-1-60750-728-4 (print)
ISBN 978-1-60750-729-1 (online)
Price: US\$170 / €120

Readership: Academics and students, but also developers, public managers and politicians in their efforts to create and implement innovations in public governance.

Management in China

Systems Reform, Human Resources and Emergent Globalization
Book Edition of *Human Systems Management*
Editor: M. Warner
January 2011, 122 pp., softcover
ISBN: 978-1-60750-696-6 (print)
Price: US\$160 / €110

Readership: China-watchers worldwide who want to have an overview of Chinese management.

Stakeholder-oriented Project Management

Tools and Concepts
Imprint: Delft University Press
Volume 6 Research in Design Series
Author: L.A. Van Gunsteren
February 2011, 164 pp., softcover
ISBN 978-1-60750-700-0 (print)
ISBN 978-1-60750-701-7 (online)
Price: US\$73 / €50

Readership: Students and lecturers in civil engineering and business administration as well as practitioners interested in deepening their insights into these fields.

| Biochemistry, Medicine & Health

Annual Review of Cybertherapy and Telemedicine 2011

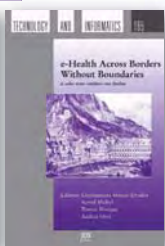
Advanced Technologies in Behavioral, Social and Neurosciences
Volume 167 Studies in Health Technology and Informatics
Editors: B.K. Wiederhold, S. Bouchard and G. Riva
June 2011, 220 pp., hardcover
ISBN 978-1-60750-765-9 (print)
ISBN 978-1-60750-766-6 (online)
Price: US\$152 / €105

Readership: Health professionals and patients in the field of cybertherapy.

Biological Petri Nets

Volume 162 Studies in Health Technology and Informatics
Editor: E. Wingender
April 2011, 316 pp., hardcover
ISBN 978-1-60750-703-1 (print)
ISBN 978-1-60750-704-8 (online)
Price: US\$174 / €120

Readership: Scientists interested in the value of Petri net approach to modern life sciences.



Biomolecular NMR Spectroscopy

Volume 3 Advances in Biomedical Spectroscopy
Editors: A.J. Dingley and S.M. Pascal
January 2011, 488 pp., hardcover
ISBN 978-1-60750-694-2 (print)
ISBN 978-1-60750-695-9 (online)
Price: US\$218 / €150

Readership: Experienced scientists in academia, government and public services and in industry, as well as newcomers and graduate students entering the field of biomolecular NMR spectroscopy.

Challenges for the Pharmaceuticals Policy in the EU

Volume 13(1,2) Pharmaceuticals Policy and Law
Editor: J.L. Valverde
July 2011, 118 pp., softcover
ISBN 978-1-60750-804-5 (print)
Price: US\$131 / €90

Readership: Researchers interested in various aspects of pharmaceuticals policy and law.

Combined Immunodeficiency Associated with DOCK8 Mutations and Related Immunodeficiencies

Book Edition of *Disease Markers*
Editor: H.C. Su
February 2011, 88 pp., softcover
ISBN 978-1-60750-693-5 (print)
Price: US\$130 / €90

Readership: Scientists concerned with human immunodeficiency.

e-Health Across Borders Without Boundaries

E-salus trans confinia sine finibus
Volume 165 Studies in Health Technology Informatics
Editors: L. Stoicu-Tivadar, B. Blobel, T. Marčun and A. Orel
April 2011, 184 pp., hardcover
ISBN 978-1-60750-734-5 (print)
ISBN 978-1-60750-735-2 (online)
Price: US\$152 / €105

Readership: Wide range of professionals, including health informatics scientists and medical computing and technology specialists, those directly involved in the provision of healthcare, public health, health insurance and institutional administrators and representatives of industry and consultancy in various health fields.

Ethical Implications of the Global Use of Digitised Biomedical and Biometric Data

Workshop Proceedings
Editors: Z. Menevidis and S.H. Schug
July 2011, 108 pp., softcover
ISBN 978-1-60750-720-8 (print)
Price: US\$58 / €40

Readership: Those involved with ethical implications of the global use of digitised biomedical and biometric data.

Health Informatics: The Transformative Power of Innovation

Selected Papers from the 19th Australian National Health Informatics Conference (HIC 2011)
Volume 168 Studies in Health Technology and Informatics
Editors: D.P. Hansen, A.J. Maeder and L.K. Schaper
August 2011, 208 pp., hardcover
ISBN 978-1-60750-790-1 (print)
ISBN 978-1-60750-791-8 (online)
Price: US\$152 / €105

Readership: Those active in research areas in health informatics.

International Perspectives in Health Informatics

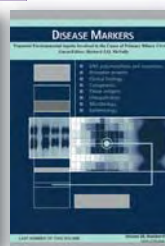
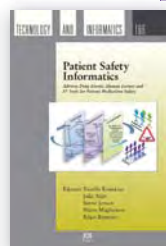
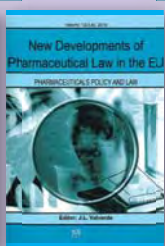
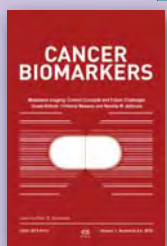
Volume 164 Studies in Health Technology and Informatics
Editors: E.M. Borycki, J.A. Bartle-Clar, M.S. Househ, C.E. Kuziemyky and E.G. Schraa
February 2011, 448 pp., hardcover
ISBN 978-1-60750-708-6 (print)
ISBN 978-1-60750-709-3 (online)
Price: US\$195 / €145

Readership: Researchers involved in providing better healthcare worldwide.

Medicine Meets Virtual Reality 18

NextMed
Volume 163 Studies in Health Technology and Informatics
Editors: J.D. Westwood, S.W. Westwood, L. Felländer-Tsai, R.S. Haluck, H.M. Hoffman, R.A. Robb, S. Senger and K.G. Vosburgh
February 2011, 792 pp., hardcover
ISBN 978-1-60750-705-5 (print)
ISBN 978-1-60750-706-2 (online)
Price: US\$232 / €160

Readership: Those who dedicate themselves to improving medicine through technology.



Metastasis Imaging: Current Concepts and Future Challenges

Book Edition of *Cancer Biomarkers*
Editors: C. Messiou and N.M. deSouza
May 2011, 90 pp., softcover
ISBN 978-1-60750-745-1 (print)
Price: US\$116 / €80

Readership: Scientists interested in the cellular processes of metastasis, imaging findings both in vitro and in vivo in clinical studies and the role of some established and some newer techniques in metastasis imaging.

Molecular Biology of Post Traumatic Stress Disorder

Book Edition of *Disease Markers*
Editor: R. Yehuda
May 2011, 90 pp., softcover
ISBN 978-1-60750-748-2 (print)
Price: US\$130 / €90

Readership: Researchers in the field on emerging molecular biology of PTSD.

New Developments of Pharmaceutical Law in the EU

Volume 12(3,4) *Pharmaceuticals Policy and Law*
Editor: J.L. Valverde
February 2011, 160 pp., softcover
ISBN 978-1-60750-702-4 (print)
Price: US\$139 / €95

Readership: Scientists and researchers interested in issues currently of concern to the European pharmaceutical industry.

Nodal Micrometastases or Isolated Tumor Cells and the Outcome of Breast Cancer

Book Edition of *Breast Disease*
Editor: V.C.G. Tjan-Heijnen
March 2011, 56 pp., softcover
ISBN 978-1-60750-725-3 (print)
Price: US\$138 / €95

Readership: Those interested in the issue of the sentinel node (SN) procedure in breast cancer and more specifically to the treatment of patients in whom isolated tumor cells or micro metastases are detected.

Patient Safety Informatics

Adverse Drug Events, Human Factors and IT Tools for Patient Medication Safety
Volume 166 *Studies in Health Technology and Informatics*
Editors: V. Koutkias, J. Niès, S. Jensen, N. Maglaveras and R. Beuscart
May 2011, 284 pp., hardcover
ISBN 978-1-60750-739-0 (print)
ISBN 978-1-60750-740-6 (online)
Price: US\$174 / €120

Readership: Those interested in adverse drug events, human factors and its tools for patient medication safety.

Transatlantic Cooperation Surrounding Health Related Information and Communication Technology

Volume 170 *Studies in Health Technology and Informatics*
Editor: G.J.E. De Moor
August 2011, 160 pp., hardcover
ISBN 978-1-60750-809-0 (print)
ISBN 978-1-60750-810-6 (online)
Price: US\$152 / €105

Readership: Those working in this field for the benefit of patients, healthcare providers and society.

Transient Environmental Agents Involved in the Cause of Primary Biliary Cirrhosis

Book Edition of *Disease Markers*
Editor: R.J.Q. McNally
March 2011, 74 pp., softcover
ISBN 978-1-60750-715-4 (print)
Price: US\$130 / €90

Readership: Scientists and researchers in the field of PBC aetiology.



User Centred Networked Health Care

Proceedings of MIE 2011
Volume 169 Studies in Health Technology and Informatics
Editors: A. Moen, S.K. Andersen, J. Aarts and P. Hurlen
August 2011, 1040 pp., hardcover
ISBN 978-1-60750-805-2 (print)
ISBN 978-1-60750-806-9 (online)
Price: US\$319 / €220

Readership: Those interesting in a number of design issues and exploring experiences of health professionals and patients working and living in ICT enabled environments.

Zinc in Human Health

Volume 76 Biomedical and Health Research
Editor: L. Rink
October 2011, 596 pp., hardcover
ISBN 978-1-60750-815-1 (print)
ISBN 978-1-60750-816-8 (online)
Price: US\$232 / €160

Readership: Researchers who want to have a state-of-the-art overview of the role of zinc as an essential trace element in human diet and its effect on human health.

Behaviour Monitoring and Interpretation – BMI

Well-Being
Volume 9 Ambient Intelligence and Smart Environments
Editors: B. Gottfried and H. Aghajan
April 2011, 200 pp., hardcover
ISBN 978-1-60750-730-7 (print)
ISBN 978-1-60750-731-4 (online)
Price: US\$138 / €95

Readership: Researchers and developers whose work necessitates a consideration of well-being, either as part of the task of implementing current applications or of designing the systems of the future.

Biology, Computation and Linguistics

New Interdisciplinary Paradigms
Volume 228 Frontiers in Artificial Intelligence and Applications
Editors: G. Bel-Enguix, V. Dahl and M.D. Jiménez-López
July 2011, 260 pp., hardcover
ISBN 978-1-60750-761-1 (print)
ISBN 978-1-60750-762-8 (online)
Price: US\$160 / €110

Readership: Researchers wanting to learn more about the connectedness of biology, computation and linguistics.

Combinatorial Optimization: Methods and Applications

Volume 31 NATO Science for Peace and Security Series - D: Information and Communication Security
Editor: V. Chvátal
May 2011, 240 pp., softcover
ISBN 978-1-60750-717-8 (print)
ISBN 978-1-60750-718-5 (online)
Price: US\$157 / €108

Readership: Researchers who want to have a state-of-the-art overview of combinatorial optimization methods and their applications.

Communicating Process Architectures 2011

WoTUG-33
Volume 68 Concurrent Systems Engineering Series
Editors: P.H. Welch, A.T. Sampson, J.B. Pedersen, J. Kerridge, J.F. Broenink and F.R.M. Barnes
June 2011, 400 pp., softcover
ISBN 978-1-60750-773-4 (print)
ISBN 978-1-60750-774-1 (online)
Price: US\$156 / €108

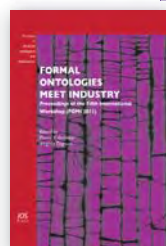
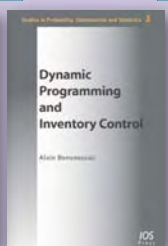
Readership: Researchers interested in key issues in modern computer science.

| Computer & Communication Sciences

Artificial Intelligence Research and Development

Proceedings of the 14th International Conference of the Catalan Association for Artificial Intelligence
Volume 232 Frontiers in Artificial Intelligence and Applications
Editors: C. Fernández, H. Geffner and F. Manyà
October 2011, 256 pp., hardcover
ISBN 978-1-60750-841-0 (print)
ISBN 978-1-60750-842-7 (online)
Price: US\$174 / €120

Readership: All those working in the field of Artificial Intelligence.



Databases and Information Systems VI

Selected Papers from the Ninth International Baltic Conference, DB&IS 2010
Volume 224 Frontiers in Artificial Intelligence and Applications
Editors: J. Barzdins and M. Kirikova
January 2011, 452 pp., hardcover
ISBN 978-1-60750-687-4 (print)
ISBN 978-1-60750-688-1 (online)
Price: US\$210 / €145

Readership: Those involved in the field of databases and information systems.

Dynamic Programming and Inventory Control

Volume 3 Studies in Probability, Optimization and Statistics
Author: A. Bensoussan
September 2011, 384 pp., hardcover
ISBN 978-1-60750-769-7 (print)
ISBN 978-1-60750-770-3 (online)
Price: US\$196 / €135

Readership: Researchers, practitioners and professionals interested in dynamic programming and inventory control.

Eleventh Scandinavian Conference on Artificial Intelligence

SCAI 2011
Volume 227 Frontiers in Artificial Intelligence and Applications
Editors: A. Kofod-Petersen, F. Heintz and H. Langseth
May 2011, 212 pp., hardcover
ISBN 978-1-60750-753-6 (print)
ISBN 978-1-60750-754-3 (online)
Price: US\$160 / €110

Readership: Those with an interest in, or whose work involves AI.

Formal Concept Analysis and Tag Recommendations in Collaborative Tagging Systems

Volume 332 Dissertations in Artificial Intelligence
Author: R. Jäschke
March 2011, 236 pp., softcover
ISBN 978-1-60750-707-9 (print)
Price: US\$73 / €50

Readership: Those interested in BibSonomy as an exemplary collaborative tagging system, its architecture and some of its features.

Formal Ontologies Meet Industry

Proceedings of the 5th International Workshop (FOMI 2011)
Volume 229 Frontiers in Artificial Intelligence and Applications
Editors: P.E. Vermaas and V. Dignum
July 2011, 136 pp., hardcover
ISBN 978-1-60750-784-0 (print)
ISBN 978-1-60750-785-7 (online)
Price: US\$145 / €100

Readership: Researchers and practitioners involved in business, medicine, engineering, finance, law, biology, geography, electronics, and many more.

High Performance Computing: From Grids and Clouds to Exascale

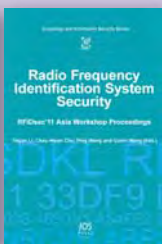
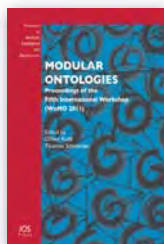
Volume 20 Advances in Parallel Computing
Editors: I. Foster, W. Gentzsch, L. Grandinetti and G.R. Joubert
September 2011, 320 pp., hardcover
ISBN 978-1-60750-802-1 (print)
ISBN 978-1-60750-803-8 (online)
Price: US\$196 / €135

Readership: Scientists in a wide range of topics from algorithms and architectures through grid and cloud technologies to applications and infrastructures for e-science.

Information Modelling and Knowledge Bases XXII

Volume 225 Frontiers in Artificial Intelligence and Applications
Editors: A. Heimbürger, Y. Kiyoki, T. Tokuda, H. Jaakkola and N. Yoshida
February 2011, 460 pp., hardcover
ISBN 978-1-60750-689-8 (print)
ISBN 978-1-60750-690-4 (online)
Price: US\$210 / €145

Readership: Those involved in the application of information technology.



Modular Ontologies

Proceedings of the Fifth International Workshop (WoMO 2011)

Volume 230 Frontiers in Artificial Intelligence and Applications

Editors: O. Kutz and T. Schneider

July 2011, 148 pp., softcover

ISBN 978-1-60750-798-7 (print)

ISBN 978-1-60750-799-4 (online)

Price: US\$131 / €90

Readership: Researchers, students and practitioners interested in foundations of ontology engineering, ontology languages and tools, and specifically, to research groups working on ontology modularization and integration problems and developing tool support. They should also be of interest to the broader communities of knowledge representation and reasoning, information integration, description logics and ontology languages, distributed systems, to the Semantic Web community, and to the emerging application domains for ontologies such as life sciences, robotics, e-business, ambient intelligence.

Neural Nets WIRN10

Proceedings of the 20th Italian Workshop on Neural Nets

Volume 226 Frontiers in Artificial Intelligence and Applications

Subseries: Knowledge-Based Intelligent Engineering Systems

Editors: B. Apolloni, S. Bassis, A. Esposito and C.F. Morabito

February 2011, 348 pp., hardcover

ISBN 978-1-60750-691-1 (print)

ISBN 978-1-60750-692-8 (online)

Price: US\$174 / €120

Readership: Those with an interest in neural networks and related fields.

New Trends in Software Methodologies, Tools and Techniques

Proceedings of the Tenth SoMeT₁₁

Volume 231 Frontiers in Artificial Intelligence and Applications

Editors: H. Fujita and T. Gavrilova

September 2011, 368 pp., hardcover

ISBN 978-1-60750-830-4 (print)

ISBN 978-1-60750-831-1 (online)

Price: US\$189 / €130

Readership: Software science community with interest in new trends in software methodologies, tools and techniques.

On the Consistency of Spatial Semantic Integrity Constraints

Volume 4 Dissertations in Geographic Information Science

Author: S. Mäs

January 2011, 134 pp., softcover

ISBN 978-1-60750-677-5 (print)

Price: US\$73 / €50

Readership: Scientists and practitioners working on the development of meaningful and machine-interpretable quality descriptions of geographical information.

Process-oriented Semantic Web Search

Volume 10 Studies on the Semantic Web

Author: D.T. Tran

March 2011, 244 pp., hardcover

ISBN 978-1-60750-716-1 (print)

Price: US\$93 / €64

Readership: Those interested in SemSearchPro and the detailed descriptions on the underlying approaches.

Radio Frequency Identification System Security

RFIDsec'11 Asia Workshop Proceedings

Volume 6 Cryptology and Information Security Series

Editors: T. Li, C.-H. Chu, P. Wang and G. Wang

April 2011, 172 pp., hardcover

ISBN 978-1-60750-721-5 (print)

ISBN 978-1-60750-722-2 (online)

Price: US\$138 / €95

Readership: Researchers in the realm of RFID security, including distance bounding and mutual authentication protocols, public key cryptography implementation and the Internet of Things.

Semantic Web Technologies for Enterprise 2.0

Volume 9 Studies on the Semantic Web

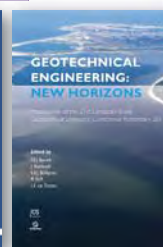
Author: A. Passant

January 2011, 348 pp., softcover

ISBN 978-1-60750-679-9 (print)

Price: US\$73 / €50

Readership: Scientists interested in different theories, methods and implementations combining Web 2.0 paradigms and Semantic Web technologies in Enterprise environments.



Software and Systems Safety

Specification and Verification
Volume 30 NATO Science for Peace and Security
Series - D: Information and Communication
Security

Editors: M. Broy, C. Leuxner and T. Hoare
April 2011, 296 pp., hardcover
ISBN 978-1-60750-710-9 (print)
ISBN 978-1-60750-711-6 (online)
Price: US\$196 / €135

Readership: Those dealing with information systems for whom security is of paramount importance.

Taming Technology

The Narrative Anchor Reconciling Time, Territory
and Technology in Geoinformation Infrastructures
Imprint: Delft University Press

Author: H. Koerten
February 2011, 264 pp., softcover
ISBN 978-1-60750-698-0 (print)
ISBN 978-1-60750-699-7 (online)
Price: US\$94 / €65

Readership: Those interested in the narrative
anchor reconciling time, territory and technology
in geoinformation.

Workshop Proceedings of the 7th International Conference on Intelligent Environments

Volume 10 Ambient Intelligence and Smart
Environments

Editors: J.C. Augusto, H. Aghajan, V. Callaghan,
D.J. Cook, J. O'Donoghue, S. Egerton, M. Gardner,
B.D. Johnson, Y. Kovalchuk, R. López-Cózar,
P. Mikulecký, J.W.P. Ng, R. Poppe, T.D. Wang and
V. Zamudio
July 2011, 844 pp., softcover
ISBN 978-1-60750-794-9 (print)
ISBN 978-1-60750-795-6 (online)
Price: US\$160 / €110

Readership: Those whose work involves the use or
creation of intelligent environments.

Engineering

Electromagnetic Nondestructive Evaluation (XIV)

Volume 35 Studies in Applied Electromagnetics
and Mechanics

Editors: T. Chady, S. Gratkowski, T. Takagi and
S.S. Udpa
June 2011, 496 pp., hardcover
ISBN 978-1-60750-749-9 (print)
ISBN 978-1-60750-750-5 (online)
Price: US\$196 / €135

Readership: Scientists researching various aspects
of ENDE and engineers with experience of practical
problems and industrial applications in the field.

Environmental Sciences

High Temperature Thermodynamic Studies on the Transuranium Oxides and Their Solid Solutions

Imprint: Delft University Press

Author: P. Gotcu-Freis
June 2011, 180 pp., softcover
ISBN 978-1-60750-779-6 (print)
Price: US\$95 / €65

Readership: Those interested in high-temperature
thermodynamic studies of the transuranium oxides
and their solid solutions, obtained from the vapor
pressure measurements at high temperatures on
actinide oxide samples using a Knudsen cell coupled
with a mass spectrometer.

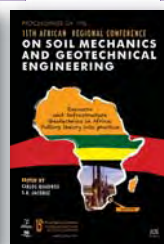
Geosciences

Geotechnical Engineering: New Horizons

Proceedings of the 21st European Young
Geotechnical Engineers' Conference Rotterdam 2011
Imprint: Millpress

Editors: F.B.J. Barends, J. Breedevelde,
R.B.J. Brinkgreve, M. Korff and L.A. Van Paassen
September 2011, 376 pp., softcover
ISBN 978-1-60750-807-6 (print)
ISBN 978-1-60750-808-3 (online)
Price: US\$174 / €120

Readership: Engineers exploring the field of
geotechnics.



Introduction to Soft Soil Geotechnique

Content, Context and Application

Imprint: Millpress

Author: F.B.J. Barends

July 2011, 364 pp., softcover

ISBN 978-1-60750-788-8 (print)

ISBN 978-1-60750-789-5 (online)

Price: US\$72 / €45

Readership: Those interested in the behavior of soft soils, notably sand, silt, clay and peat.

Proceedings of the 15th African Regional Conference on Soil Mechanics and Geotechnical Engineering

Resource and Infrastructure Geotechnics in Africa: Putting Theory into Practice

Imprint: Millpress

Editors: S.W. Jacobsz and C. Quadros

June 2011, 768 pp., hardcover

ISBN 978-1-60750-777-2 (print)

ISBN 978-1-60750-778-9 (online)

Price: US\$239 / €165

Readership: Academics and practitioners in the field of soil mechanics, geotechnical and ground engineering.

Proceedings of the 15th European Conference on Soil Mechanics and Geotechnical Engineering

Geotechnics of Hard Soils – Weak Rocks

(Parts 1, 2 and 3)

Imprint: Millpress

Editors: A. Anagnostopoulos, M. Pachakis and Ch. Tsatsanifos

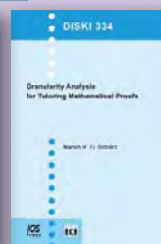
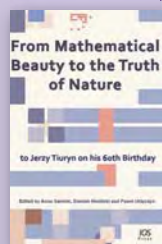
September 2011, 2064 pp., hardcover (set of 3)

ISBN 978-1-60750-800-7 (print)

ISBN 978-1-60750-801-4 (online)

Price: US\$979 / €675

Readership: Scientists and researchers who want to have an updated overview of the existing worldwide knowledge of the geological features, engineering properties and behavior of such hard soils and weak rocks, with particular reference to the design and construction methods and problems associated with these materials.



Mathematics

A Change-Oriented Architecture for Mathematical Authoring Assistance

Volume 333 Dissertations in Artificial Intelligence

Author: M. Wagner

February 2011, 312 pp., softcover

ISBN 978-1-60750-712-3 (print)

Price: US\$72 / €50

Readership: Those in the field on computer-assisted authoring of mathematical documents with semantic annotations and a controlled mathematical language.

From Mathematical Beauty to the Truth of Nature

To Jerzy Tiuryn on his 60th Birthday

Book Edition of *Fundamenta Informaticae*

Editors: A. Gambin, D. Niwiński and P. Urzyczyn

February 2011, 342 pp., softcover

ISBN 978-1-60750-697-3 (print)

Price: US\$145 / €100

Readership: Scientists interested in the variety and breadth of Tiuryn's own work and achievements in their diversity and style.

Granularity Analysis for Tutoring Mathematical Proofs

Volume 334 Dissertations in Artificial Intelligence

Author: M. Schiller

February 2011, 272 pp., softcover

ISBN 978-1-60750-719-2 (print)

Price: US\$72 / €50

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Heuristics and Metaheuristics for Heavily Constrained Hybrid Flowshop Problems

Volume 331 Dissertations in Artificial Intelligence

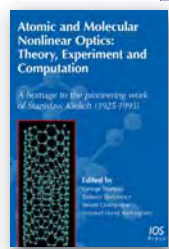
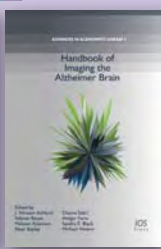
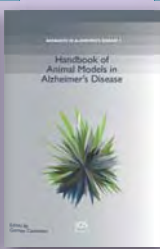
Author: T. Urlings

January 2011, 348 pp., softcover

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Alzheimer's Disease: A Century of Scientific and Clinical Research

Editors: G. Perry, J. Avila, J. Kinoshita and M.A. Smith
July 2006, 468 pp., hardcover
(second printing 2011)
ISBN 978-1-58603-619-5 (print)
Price: US\$191 / €132

Readership: Scientists and researchers interested in a landmark work commemorating the centennial of Alois Alzheimer's discovery of what would be known as Alzheimer's disease (AD).

Handbook of Animal Models in Alzheimer's Disease

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Editor: G. Casadesu
July 2011, 352 pp., hardcover
ISBN 978-1-60750-732-1 (print)
ISBN 978-1-60750-733-8 (online)
Price: US\$218 / €150

Readership: Scientists and researchers wanting to read about an updated overview of the animal models being developed and used to study complex disease dynamics.

Handbook of Imaging the Alzheimer Brain

Volume 2 Advances in Alzheimer's Disease
Editors: J.W. Ashford, A. Rosen, M. Adamson, P. Bayley, O. Sabri, A. Furst, S.E. Black and M. Weiner
July 2011, 824 pp., hardcover
ISBN 978-1-60750-792-5 (print)
ISBN 978-1-60750-793-2 (online)
Price: US\$276 / €190

Readership: Those who want to have an overview of imaging of Alzheimer's disease and reviews fundamental principles for neuroimaging pathological changes that it causes, with an emphasis on practical and future applications.

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Volume 172 International School of Physics "Enrico Fermi"
Editors: A. Cavaliere and Y. Rephaeli
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ISBN 978-1-60750-819-9 (print)
ISBN 978-1-60750-820-5 (online)
Price: US\$268 / €185

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Atomic and Molecular Nonlinear Optics: Theory, Experiment and Computation

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ISBN 978-1-60750-758-1 (online)

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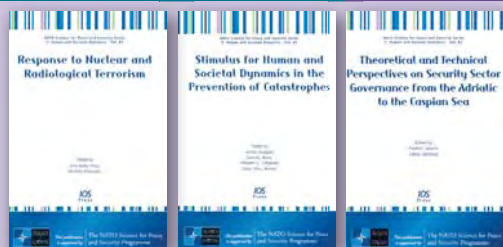
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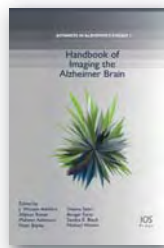
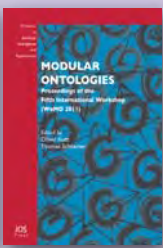
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