

Springer

1st
edition

2011, XXII, 778 p.

Printed book

Softcover

Printed book

Softcover

ISBN 978-3-642-24957-0

£ 89,99 | CHF 118,00 | 99,99 € |
109,99 € (A) | 106,99 € (D)

Available

Discount group

Science (SC)

Product category

Proceedings

SeriesTheoretical Computer Science and General
Issues**Computer Science : Computation by Abstract Devices**

Lu, B.-L., Zhang, L., Kwok, J. (Eds.), Shanghai, China, People's Republic

Neural Information Processing

18th International Conference, ICONIP 2011, Shanghai, China, November 13-17, 2011, Proceedings, Part II

- **Fast track conference proceedings**
- **Unique visibility**
- **State of the art research**

The three volume set LNCS 7062, LNCS 7063, and LNCS 7064 constitutes the proceedings of the 18th International Conference on Neural Information Processing, ICONIP 2011, held in Shanghai, China, in November 2011. The 262 regular session papers presented were carefully reviewed and selected from numerous submissions. The papers of part I are organized in topical sections on perception, emotion and development, bioinformatics, biologically inspired vision and recognition, bio-medical data analysis, brain signal processing, brain-computer interfaces, brain-like systems, brain-realistic models for learning, memory and embodied cognition, Clifford algebraic neural networks, combining multiple learners, computational advances in bioinformatics, and computational-intelligent human computer interaction. The second volume is structured in topical sections on cybersecurity and data mining workshop, data mining and knowledge discovery, evolutionary design and optimisation, graphical models, human-originated data analysis and implementation, information retrieval, integrating multiple nature-inspired approaches, Kernel methods and support vector machines, and learning and memory. The third volume contains all the contributions connected with multi-agent systems, natural language processing and intelligent Web information processing, neural encoding and decoding, neural network models, neuromorphic hardware and implementations, object recognition, visual perception modelling, and advances in computational intelligence methods based pattern recognition.

Order online at springer.com/booksellers**Springer Nature Customer Service Center GmbH**

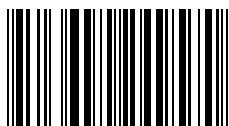
Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com

ISBN 978-3-642-24957-0 / BIC: UY / SPRINGER NATURE: SCI16013

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.