

<<Biological and Medical Data Analysis>>

图书基本信息

书名：<<Biological and Medical Data Analysis生物学与医学数据分析>>

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## 内容概要

LNBI is devoted to the publication of state-of-the-art research results in bio-informatics and computational biology, at a high level and in both printed and electronic versions - making use of the well-established LNCS publication machinery. As with the LNCS mother series, refereed proceedings and post-proceedings are at the core of LNBI, however, similar to the color cover sub-lines in LNCS, tutorials and state-of-the-art surveys are also invited for LNBI. Among the topics covered are:

|                                              |                                         |
|----------------------------------------------|-----------------------------------------|
| Genomics                                     | Molecular sequence analysis             |
| Recognition of genes and regulatory elements | Molecular evolution                     |
| Protein structure                            | Gene expression                         |
| Gene networks                                | Combinatorial libraries and drug design |
| Computational proteomics                     |                                         |

# <<Biological and Medic>>

## 书籍目录

Medical Databases and Information Systems Application of Three-Level Handprinted Documents Recognition in Medical Information Systems Data Management and Visualization Issues in a Fully Digital Echocardiography Laboratory A Framework Based on Web Services and Grid Technologies for Medical Image Registration Biomedical Image Processing Integration Through INBIOMED:A Web Services-Based Platform The Ontological Lens:Zooming in and out from Genomic to Clinical LevelData Analysis and Image Processing Dynamics of Vertebral Column Observed by Stereovision and Recurrent Neural Network Model Endocardial Tracking in Contrast Echocardiography Using Optical Flow Unfolding of Virtual Endoscopy Using Ray-TemplateKnowledge Discovery and Data Mining Integration of Genetic and Medical Information Through a Web Crawler System Vertical Integration of Bioinformatics Tools and Information Processing on Analysis Outcome A Grid Infrastructure for Text Mining of Full Text Articles and Creation of a Knowledge Base of Gene Relations Prediction of the Performance of Human Liver Cell Bioreactors by Donor Organ Data A Bioinformatic Approach to Epigenetic Susceptibility in Non-disjunctional Diseases Foreseeing Promising Bio-medical Findings for Effective Applications of Data MiningStatistical Methods and Tools for Biomedical Data Analysis Hybridizing Sparse Component Analysis with Genetic Algorithms for Blind Source Separation Hardware Approach to the Artificial Hand Control Algorithm Realization. Improving the Therapeutic Performance of a Medical Bayesian Network Using Noisy Threshold Models .....Decision Support SystemsBioinformatics:Computational ModelsBioinformatics:Structural AnalysisBioinformatics:Microarray Data AnalysisAuthor Index

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