1. Record Nr. UNINA9910784980403321

Titolo	Computational systems bioinformatics [[electronic resource]] : CSB2007 Conference proceedings, volume 6, University of California, San Diego, 13-17 August 2007 / / editors, Peter Markstein, Ying Xu
Pubbl/distr/stampa	London, : Imperial College Press Singapore ; ; Hackensack, NJ, : Distributed by World Scientific, 2007
ISBN	1-281-86759-4 9786611867591 1-86094-873-1
Descrizione fisica	1 online resource (472 p.)
Collana	Series on Advances in Bioinformatics and Computational Biology ; ; v.6 Series on advances in bioinformatics and computational biology
Altri autori (Persone)	MarksteinPeter XuYing <1960->
Disciplina	572.80285
Soggetti	Bioinformatics Biological systems - Computer simulation Biological systems - Simulation methods Computational biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Sixth Annual Computational Systems Bioinformatics Conference". At head of title: Life Sciences Society.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS; Preface; Committees; Referees; Keynote Address; Quantitative Aspects of Gene Regulation in Bacteria: Amplification. Threshold, and Combinatorial Control Terry Hwa; Whole-Genome Analysis of Dorsal Gradient Thresholds in the Drosophila Embryo Julia ZeitlingeK Rob Zinzen, Dmitri Papatsenko et al.; Invited Talks; Learning Predictive Models of Gene Regulation Christina Leslie; The Phylofacts Phylogenomic Encyclopedias: Structural Phylogenomic Analysis Across the Tree of Life Kimmen Golander; Mapping and Analysis of the Human Interactome Network Kavitha Venkatesan; 1. INTRODUCTION Gene-Centered Protein-DNA lnteractome Mapping A.J. Marian WalhoutProteomics; Algorithm for Peptide Sequencing by Tandem Mass Spectrometry Based on Better Preprocessing and Anti-S ymmetric

Computational Model Kang Ning and Hon Wai Leong; 1. INTRODUCTION; Preprocessing to remove noisy peaks; The anti-symmetric problem; 2. ANALYSIS OF PROBLEMS AND CURRENT ALGORITHMS; 2.1. General Terminologies; 2.2. Datasets; 2.3. Problems Analysis; 3. NEW COMPUTATIONAL MODELS AND ALGORITHM; 3.1. Preprocessing to remove noisy peaks and introduce pseudo peaks; 3.2. The Anti-symmetric Problem
3.3. Novel Peptide Sequencing Algorithm4. EXPERIMENTS; 4.1. Experiment Settings; 4.2. Results; 5. CONCLUSIONS; References; Algorithms for Selecting Breakpoint Locations to Optimize Diversity in Protein Engineering by Site-Directed Protein Recombination Wei Zheng, Xiaoduan Ye, Alan A4 Friedman and Chris Bailey-Kellogg; 1. INTRODUCTION; 2. METHODS; 2.1. Library Diversity; 2.2. Metrics for Breakpoint Selection; 2.3. Dynamic Programming for Breakpoint Selection; 3. RESULTS A N D DISCUSSION; 4. CONCLUSION; ACKNOWLEDGMENTS; References
An Algorithmic Approach to Automated High-Throughput Identification of Disulfide Connectivity in Proteins Using Tandem Mass Spectrometry Timothy Lee, Rahul Singh, Ten-Yang Yen and Bruce Macher1. INTRODUCTION; 1.1. Comparison of the Proposed Approach with Related Works; 2. THE PROPOSED METHOD; 2.1. Problem Formulation; 2.2. Algorithmic Framework; 2.2.1. Finding the MS spectrum match; 2.2.2. Finding the MS/MS spectrum match; 2.2.3. Finding a perfect matching of maximum weight for a fully connected graph; 2.2.4. Consideration of missed proteolytic cleavages and intra-molecular bonded cysteines
2.2.5. Peak finding in the presence of noise2.2.6. Addressing isotopic variation and neutral loss; 2.2.7. Interpretation of peaks given charge state uncertainty; 2.2.8. Overall complexity; 3. EXPERIMENTAL RESULTS; 3.1. Description of the Data and Experimental Procedures; 3.2. Summary of Results; 3.2.1. Analysis of the effect of varying threshold t on results; 3.2.2. Comparison with MS2Assign program; 4. CONCLUSIONS AND DISCUSSION; Acknowledgments; References; Biomedical Application; Cancer Molecular Pattern Discovery by Subspace Consensus Kernel Classification Xiaoxu Hun; 1. INTRODUCTION
1 .1. Nonnegative matrix factorization

Sommario/riassunto

This volume contains about 40 papers covering many of the latest developments in the fast-growing field of bioinformatics. The contributions span a wide range of topics, including computational genomics and genetics, protein function and computational proteomics, the transcriptome, structural bioinformatics, microarray data analysis, motif identification, biological pathways and systems, and biomedical applications. Abstracts from the keynote addresses and invited talks are also included. The papers not only cover theoretical aspects of bioinformatics but also delve into the application of n

2. Record Nr. UNINA9910785572903321

Titolo	Previous convictions at sentencing : theoretical and applied perspectives / edited by Julian V. Roberts and Andrew von Hirsch
Pubbl/distr/stampa	Oxford ; Portland, Oregon, : Hart Publishing, 2010
ISBN	1-4725-6515-0 1-282-98448-9 9786612984488 1-84731-591-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (268 p.)
Collana	Studies in penal theory and penal ethics
Disciplina	345.0772
Soggetti	Sentences (Criminal procedure) Recidivism - Prevention Recidivists Sentences (Criminal procedure) - England Sentences (Criminal procedures) - Wales Recidivism - England - Prevention Recidivism - Wales - Prevention
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	Proportionality and the progressive loss of mitigation : some further reflections / Andrew von Hirsch -- First-offender sentencing discounts : exploring the justifications / Julian V. Roberts -- Recidivism, retributivism, and the lapse theory of previous convictions / Jesper Ryberg -- Repeat offenders and the question of desert / Youngjae lee -- 'More to apologise for' : can we find a basis for the recidivist premium in a communicative theory of punishment? / Chris Bennett -- The questionable relevance of previous convictions to punishments for later crimes / Michael Tonry -- Prior-conviction sentencing enhancements : rationales and limits based on retributive and utilitarian proportionality principles and social equality goals / Richard S. Frase -- The illusion of proportionality : desert and repeat offenders / Kevin R. Reitz -- Dimensions of criminal history : reflections on

theory and practice / Martin Wasik -- The role of previous convictions in England and Wales / Estella Baker and Andrew Ashworth -- Previous convictions and proportionate punishment under swedish law -- Peter Asp -- Assessing the impact of a recidivist sentencing premium on crime and recidivism rates / Lila Kazemian
1 Proportionality and the Progressive Loss of Mitigation: Some Further Reflections -- Andrew von Hirsch -- 2 First-Offender Sentencing Discounts: Exploring the Justifications -- Julian V Roberts -- 3 Recidivism, Retributivism, and the Lapse Theory of Previous Convictions -- Jesper Ryberg -- 4 Repeat Offenders and the Question of Desert -- Youngjae Lee -- 5 'More to Apologise For': Can We Find a Basis for the Recidivist Premium in a Communicative Theory of Punishment? -- Chris Bennett -- 6 The Questionable Relevance of Previous Convictions to Punishments for Later Crimes -- Michael Tonry -- 7 Prior-conviction Sentencing Enhancements: Rationales and Limits Based on Retributive and Utilitarian Proportionality Principles and Social Equality Goals -- Richard S Frase -- 8 The Illusion of Proportionality: Desert and Repeat Offenders -- Kevin R Reitz -- 9 Dimensions of Criminal History: Reflections on Theory and Practice -- Martin Wasik -- 10 The Role of Previous Convictions in England and Wales -- Estella Baker and Andrew Ashworth -- x Contents -- 11 Previous Convictions and Proportionate Punishment under Swedish Law -- Petter Asp -- 12 Assessing the Impact of a Recidivist Sentencing Premium on Crime and Recidivism Rates -- Lila Kazemian -- Index

Sommario/riassunto

This latest volume in the Penal Theory and Penal Ethics series addresses one of the oldest and most contested questions in the field of criminal sentencing: should an offender's previous convictions affect the sentence? This question provokes a series of others: Is it possible to justify a discount for first offenders within a retributive sentencing framework? How should previous convictions enter into the sentencing equation? At what point should prior misconduct cease to count for the purposes of fresh sentencing? Should similar previous convictions count more than convictions unrelated to the current offence? Statutory sentencing regimes around the world incorporate provisions which mandate harsher treatment of repeat offenders. Although there is an extensive literature on the definition and use of criminal history information, the emphasis here, as befits a volume in the series, is on the theoretical and normative aspects of considering previous convictions at sentencing. Several authors explore the theory underlying the practice of mitigating the punishments for first offenders, while others put forth arguments for enhancing sentences for recidivists. The practice of sentencing repeat offenders in two jurisdictions (England and Wales, and Sweden) is also examined in detail