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Soggetti	Psychology
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Sommario/riassunto	period of time that encompasses the two World Wars, a Cold War and the transformation from the Empire through the "Third Reich" to democracy, the department has not only remained in Hamburg, but has also differentiated and developed considerably. On the occasion of this jubilee, the Department of Psychology documents in this volume some of the developmental stages of academic psychology in Hamburg. The contributions by Kurt Pawlik, Bernhard Dahme, Manfred Amelang, Frank Rösler, Martin Spieß and Tania Lincoln tell the story of academic psychology in Hamburg from very different, subjective perspectives. Paul Probst's contributions to the beginnings of academic psychology in Hamburg with Ernst Meumann and William Stern are an exception. The volume has been published by Kurt Pawlik and Bernhard Dahme as editors of a documentary on institutional and personnel development in academic psychology at the University of Hamburg since 1950.

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Collana	Lecture Notes in Bioinformatics, , 2366-6331 ; ; 14881
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Soggetti	Computational intelligence Artificial intelligence Bioinformatics Computational Intelligence Artificial Intelligence Computational and Systems Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Organization -- Contents - Part I -- Contents - Part II -- Biomedical Data Modeling and Mining -- Alzheimer's Disease Diagnosis via Specific-Shared Representation Learning in Multimodal Neuroimaging -- 1 Introduction -- 2 Method -- 2.1 Overview -- 2.2 Shallow Feature Learning -- 2.3 Modality Specific Representation Learning -- 2.4 Modality Shared Representation Learning -- 2.5 Modality Specific-Shared Representation Learning -- 3 Experiments -- 3.1 Materials and Image Pre-processing -- 3.2 Comparison Methods -- 3.3 Experimental Setup -- 3.4 Evaluation of Automated Diseases Diagnosis -- 3.5 Ablation Study -- 4 Conclusion -- References -- An Activity Graph-Based Deep Convolutional Neural Network Framework in Symptom Severity Diagnosis Towards Parkinson's Disease Using Inertial Sensors -- 1 Introduction -- 2 Subjects and Data Collection -- 2.1 Participants -- 2.2 Data Collection -- 3 Methodology -- 3.1 Activity Graph Generation -- 3.2 Data Augmentation -- 3.3 Convolutional Neural Network -- 4 Results -- 5 Discussion and Conclusion -- References -- An Optimization Method for Drug

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Sommario/riassunto

This two-volume set LNBI 14881-14882 constitutes - in conjunction with the 13-volume set LNCS 14862-14874 and the 6-volume set LNAI 14875-14880 - the refereed proceedings of the 20th International Conference on Intelligent Computing, ICIC 2024, held in Tianjin, China, during August 5-8, 2024. The total of 863 regular papers were carefully reviewed and selected from 2189 submissions. The intelligent computing annual conference primarily aims to promote research, development and application of advanced intelligent computing techniques by providing a vibrant and effective forum across a variety of disciplines. This conference has a further aim of increasing the awareness of industry of advanced intelligent computing techniques and the economic benefits that can be gained by implementing them. The intelligent computing technology includes a range of techniques such as Artificial Intelligence, Pattern Recognition, Evolutionary Computing, Informatics Theories and Applications, Computational Neuroscience & Bioscience, Soft Computing, Human Computer Interface Issues, etc. .
