

1. Record Nr.	UNINA9910353343303321
Autore	Ebmeier K.P
Titolo	Psychiatry of Parkinson's disease [[electronic resource] ] / volume editors, K.P. Ebmeier, J.T. O'Brien, J.-P. Taylor
Pubbl/distr/stampa	Basel, : Karger, 2012
ISBN	1-280-67089-4 9786613647825 3-8055-9801-7
Descrizione fisica	1 online resource (160 p.)
Collana	Advances in biological psychiatry, , 0378-7354 ; ; v. 27
Altri autori (Persone)	EbmeierK. P (Klaus P.) O'BrienJ. T <1962-> (John T.) TaylorJ.-P <1975-> (John-Paul)
Disciplina	616.8/330651
Soggetti	Parkinson's disease
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 indexes.
Nota di contenuto	Epidemiology of Psychiatric Symptoms in Parkinson's Disease / A.F.G. Leentjens -- Depression, Apathy and Anxiety Disorders / S.E. Starkstein -- Apathy in Parkinson's Disease / P.H. Robert -- Disorders of Visual Perception in Parkinson's Disease and Other Lewy Body Disorders / N. Archibald -- Psychosis and Parkinson's Disease / M.A. Stacy -- Sleep in Parkinson's Disease and Dementia with Lewy Bodies / B.F. Boeve -- Sexual Problems in Parkinson's Disease / F. Tateno -- Update on Impulse Control Disorders in Parkinson's Disease / A.R. Mehta -- Neuropsychological Features of Early Cognitive Impairment in Parkinson's Disease / S.L. Mason -- Parkinson's Disease with Dementia / J.T. O'Brien -- Somatoform Disorders in Parkinson's Disease and Dementia with Lewy Bodies Evidence Underlying Psychotic Traits / G. Sepede -- Drug-Induced Parkinsonism and Abnormal Involuntary Movements / C.W. Ritchie -- References.
Sommario/riassunto	Psychiatric symptoms are common in the neurological and geriatric care of patients with Parkinson's disease. This book assembles short reviews from experts in the field to chart the various psychiatric syndromes known in Parkinson's disease, their presentation, etiology and management. Presented are special topics on epidemiology of

psychiatric symptoms, affective disorders and apathy, early cognitive impairment through to dementia, visuoperceptual dysfunction, psychotic disorders, sleep disturbances, impulse disorders and sexual problems. Further, rarely discussed issues, such as the relationship between somatoform disorders and parkinsonism are reviewed. This publication is essential reading for old age psychiatrists, gerontologists and neurologists who work with patients suffering from Parkinson's disease.

2. Record Nr.	UNINA9911019361003321
Autore	Sinnen Oliver <1971->
Titolo	Task scheduling for parallel systems // Oliver Sinnen
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
ISBN	9786610901098 9781280901096 1280901098 9780470121177 0470121173 9780470121160 0470121165
Descrizione fisica	1 online resource (314 p.)
Collana	Wiley series on parallel and distributed computing
Disciplina	004/.35
Soggetti	Parallel processing (Electronic computers) Computer multitasking Computer scheduling
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 (p. 269-280) and indexes.
Nota di contenuto	TASK SCHEDULING FOR PARALLEL SYSTEMS; CONTENTS; Preface; Acknowledgments; 1. Introduction; 1.1 Overview; 1.2 Organization; 2. Parallel Systems and Programming; 2.1 Parallel Architectures; 2.1.1 Flynn's Taxonomy; 2.1.2 Memory Architectures; 2.1.3 Programming Paradigms and Models; 2.2 Communication Networks; 2.2.1 Static Networks; 2.2.2 Dynamic Networks; 2.3 Parallelization; 2.4 Subtask

Decomposition; 2.4.1 Concurrency and Granularity; 2.4.2 Decomposition Techniques; 2.4.3 Computation Type and Program Formulation; 2.4.4 Parallelization Techniques; 2.4.5 Target Parallel System

2.5 Dependence Analysis 2.5.1 Data Dependence; 2.5.2 Data Dependence in Loops; 2.5.3 Control Dependence; 2.6 Concluding Remarks; 2.7 Exercises; 3. Graph Representations; 3.1 Basic Graph Concepts; 3.1.1 Computer Representation of Graphs; 3.1.2 Elementary Graph Algorithms; 3.2 Graph as a Program Model; 3.2.1 Computation and Communication Costs; 3.2.2 Comparison Criteria; 3.3 Dependence Graph (DG); 3.3.1 Iteration Dependence Graph; 3.3.2 Summary; 3.4 Flow Graph (FG); 3.4.1 Data-Driven Execution Model; 3.4.2 Summary; 3.5 Task Graph (DAG); 3.5.1 Graph Transformations and Conversions 3.5.2 Motivations and Limitations 3.5.3 Summary; 3.6 Concluding Remarks; 3.7 Exercises; 4. Task Scheduling; 4.1 Fundamentals; 4.2 With Communication Costs; 4.2.1 Schedule Example; 4.2.2 Scheduling Complexity; 4.3 Without Communication Costs; 4.3.1 Schedule Example; 4.3.2 Scheduling Complexity; 4.4 Task Graph Properties; 4.4.1 Critical Path; 4.4.2 Node Levels; 4.4.3 Granularity; 4.5 Concluding Remarks; 4.6 Exercises; 5. Fundamental Heuristics; 5.1 List Scheduling; 5.1.1 Start Time Minimization; 5.1.2 With Dynamic Priorities; 5.1.3 Node Priorities; 5.2 Scheduling with Given Processor Allocation 5.2.1 Phase Two 5.3 Clustering; 5.3.1 Clustering Algorithms; 5.3.2 Linear Clustering; 5.3.3 Single Edge Clustering; 5.3.4 List Scheduling as Clustering; 5.3.5 Other Algorithms; 5.4 From Clustering to Scheduling; 5.4.1 Assigning Clusters to Processors; 5.4.2 Scheduling on Processors; 5.5 Concluding Remarks; 5.6 Exercises; 6. Advanced Task Scheduling; 6.1 Insertion Technique; 6.1.1 List Scheduling with Node Insertion; 6.2 Node Duplication; 6.2.1 Node Duplication Heuristics; 6.3 Heterogeneous Processors; 6.3.1 Scheduling; 6.4 Complexity Results; 6.4.1 || Classification 6.4.2 Without Communication Costs 6.4.3 With Communication Costs; 6.4.4 With Node Duplication; 6.4.5 Heterogeneous Processors; 6.5 Genetic Algorithms; 6.5.1 Basics; 6.5.2 Chromosomes; 6.5.3 Reproduction; 6.5.4 Selection, Complexity, and Flexibility; 6.6 Concluding Remarks; 6.7 Exercises; 7. Communication Contention in Scheduling; 7.1 Contention Awareness; 7.1.1 End-Point Contention; 7.1.2 Network Contention; 7.1.3 Integrating End-Point and Network Contention; 7.2 Network Model; 7.2.1 Topology Graph; 7.2.2 Routing; 7.2.3 Scheduling Network Model; 7.3 Edge Scheduling 7.3.1 Scheduling Edge on Route

## Sommario/riassunto

A new model for task scheduling that dramatically improves the efficiency of parallel systems Task scheduling for parallel systems can become a quagmire of heuristics, models, and methods that have been developed over the past decades. The author of this innovative text cuts through the confusion and complexity by presenting a consistent and comprehensive theoretical framework along with realistic parallel system models. These new models, based on an investigation of the concepts and principles underlying task scheduling, take into account heterogeneity, contention for communication r