1. Record Nr. UNISA996465773903316

Titolo	Applications and theory of petri nets 2003 : 24th international conference, icatpn 2003, eindhoven, the netherlands, june 23-27, 2003, proceedings / / edited by Wil van der Aalst, Eike Best
Pubbl/distr/stampa	Germany : , : Springer, , [2003] ©2003
ISBN	3-540-44919-1
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (517 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2679
Disciplina	004
Soggetti	Petri nets
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Coloured Petri Nets: Status and Outlook -- Towards Biopathway Modeling and Simulation -- The Resource Allocation Problem in Flexible Manufacturing Systems -- Colored GSPN Models for the QoS Design of Internet Subnets -- Compositional Theories of Qualitative and Quantitative Behaviour -- Net Models Supporting Human and Humane Behaviors -- Full Papers -- Deciding Life-Cycle Inheritance on Petri Nets -- Nets Enriched over Closed Monoidal Structures -- Automatic Symmetry Detection in Well-Formed Nets -- A Proposal for Structuring Petri Net-Based Agent Interaction Protocols -- Modelling Mobility and Mobile Agents Using Nets within Nets -- Modular System Development with Pullbacks -- Specification and Validation of the SACI-1 On-Board Computer Using Timed-CSP-Z and Petri Nets -- On the Use of Petri Nets for the Computation of Completion Time Distribution for Short TCP Transfers -- Model Checking Safety Properties in Modular High-Level Nets -- On Reachability in Autonomous Continuous Petri Net Systems -- On the Siphon-Based Characterization of Liveness in Sequential Resource Allocation Systems -- Coloured Petri Nets in Development of a Pervasive Health Care System -- Logical Reasoning and Petri Nets -- Reactive Petri Nets for Workflow Modeling -- Distributed Diagnosis of Discrete-Event Systems Using Petri Nets -- Soundness and Separability of Workflow Nets in the Stepwise Refinement Approach -- On

Synchronicity and Concurrency in Petri Nets -- Analysing Properties of the Resource Reservation Protocol -- Hierarchical Timed High Level Nets and Their Branching Processes -- A Heuristic Algorithm FSDC Based on Avoidance of Deadlock Components in Finding Legal Firing Sequences of Petri Nets -- Tool Papers -- PLC Programming with Signal Interpreted Petri Nets -- CPN Tools for Editing, Simulating, and Analysing Coloured Petri Nets -- The Model-Checking Kit -- Prototyping Object Oriented Specifications -- PNML Paper -- The Petri Net Markup Language: Concepts, Technology, and Tools.