1. Record Nr. UNINA9910483546303321

Titolo Petri nets and other models of concurrency : ICATPN 2006 : 27th

International Conference on Applications and Theory of Petri Nets and Other Models of Concurrency, Turku, Finland, June 26-30, 2006:

proceedings / / Susanna Donatelli, P.S. Thiagarajan (eds.)

Pubbl/distr/stampa Berlin, : Springer, 2006

ISBN 3-540-34700-3

Edizione [1st ed. 2006.]

Descrizione fisica 1 online resource (XI, 441 p.)

Collana Lecture notes in computer science, , 0302-9743 ; ; 4024

LNCS sublibrary. SL 1, Theoretical computer science and general issues

Altri autori (Persone) DonatelliSusanna

ThiagarajanP. S

Disciplina 511.35

Soggetti Petri nets

Computer multitasking

Parallel processing (Electronic computers)

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Bibliographic Level Mode of Issuance: Monograph

Nota di bibliografia Includes bibliographical references and index.

Nota di contenuto

Invited Papers -- Invariant Based Programming -- On the Integration of UML and Petri Nets in Software Development -- Component Tools:

Integrating Petri Nets with Other Formal Methods -- Using Colored Petri Nets and Tools to Support Mobile Terminal and Network Software Development -- Full Papers -- Compensation in Workflow Nets -- The Synthesis Problem of Netcharts -- Non-sequential Behaviour of Dynamic Nets -- Complete Finite Prefixes of Symbolic Unfoldings of Safe Time Petri Nets -- On the Computation of Stubborn Sets of Colored Petri Nets -- On the Construction of Pullbacks for Safe Petri Nets -- From Petri Nets to Differential Equations – An Integrative Approach for Biochemical Network Analysis -- How Expressive Are Petri Net Schemata? -- A New Approach to the Evaluation of Non Markovian Stochastic Petri Nets -- Nested Nets for Adaptive Systems -- Analyzing Software Performance and Energy Consumption of Embedded Systems by Probabilistic Modeling: An Approach Based on Coloured Petri Nets -- Infinite Process Semantics of Inhibitor Nets -- Towards Synthesis of

Petri Nets from Scenarios -- Designing Reversibility-Enforcing

Supervisors of Polynomial Complexity for Bounded Petri Nets Through the Theory of Regions -- On the Step Explosion Problem -- Prospective Analysis of Cooperative Provision of Industrial Services Using Coloured Petri Nets -- Tool Papers -- Can I Execute My Scenario in Your Net? VipTool Tells You! -- Exhost-PIPE: PIPE Extended for Two Classes of Monitoring Petri Nets -- ArgoSPE: Model-Based Software Performance Engineering -- Petriweb: A Repository for Petri Nets -- Geist3D, a Simulation Tool for Geometry-Driven Petri Nets -- The BRITNeY Suite Animation Tool.