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Disciplina	003.3
Soggetti	Architecture, Computer Computers Algorithms Computer logic Microprocessors Computer communication systems Computer System Implementation Computation by Abstract Devices Algorithm Analysis and Problem Complexity Logics and Meanings of Programs Processor Architectures Computer Communication Networks
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Replacement of open interface subnets and stable state transformation equivalence -- Bounded self-stabilizing Petri nets -- Generative families of positive invariants in Coloured nets sub-classes -- Autonomous and timed continuous Petri nets -- The Devnet: A Petri net for discrete event simulation -- A new technique for finding a generating family of siphons, traps and st-components. Application to colored Petri nets -- A concept of hierarchical Petri nets with building blocks -- Petri net tool overview 1992 -- The minimal coverability graph for Petri nets -- Distributed implementation of CCS -- Saturation conditions for Stochastic Petri Nets -- Marking optimization in timed

event graphs -- Parameterized reachability trees for  
Predicate/Transition nets -- Iterative decomposition and aggregation  
of Stochastic marked graph Petri nets -- Constraints and extensions in  
a Calculus of EN systems -- Comparability orders and measurement --  
Deterministic systems of sequential processes: A class of structured  
Petri nets -- Compositional state space generation.

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#### Sommario/riassunto

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The main aims of the series of volumes "Advances in Petri Nets" are: - to present to the "outside" scientific community a fair picture of recent advances in the area of Petri nets, and - to encourage those interested in the applications and the theory of concurrent systems to take a closer look at Petri nets and then join the group of researchers working in this fascinating and challenging area. This volume is based on the proceedings of the 12th International Conference on Applications and Theory of Petri Nets, held in Gjern, Denmark, in June 1991. It contains 18 selected and revised papers covering all aspects of recent Petri net research.

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