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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Control Synthesis of Hybrid Systems Based on Predicate Invariance -- Computing Approximating Automata for a Class of Linear Hybrid Systems -- On Hybrid Systems and the Modal μ -calculus -- The Extended Linear Complementarity Problem and the Modeling and Analysis of Hybrid Systems -- Controller Scheduling Using Neural Networks: Implementation and Experimental Results -- Rigorous Design of a Fault Diagnosis and Isolation Algorithm -- Scalable Data and Sensor Fusion via Multiple Agent Hybrid Systems -- Hybrid Control Systems Using Timed Petri Nets: Supervisory Control Design Based on Invariant Properties -- A Case Study in Tool-Aided Analysis of Discretely Controlled Continuous Systems: The Two Tanks Problem -- Hybrid Systems with Finite Bisimulations -- Extracting Stable Timed Automata from Switched Model Reference Systems -- Sliding Mode Model Semantics and Simulation for Hybrid Systems -- Time-Deterministic Hybrid Transition Systems -- Heuristic Optimization and Dynamical System Safety Verification -- A Hybrid Receding—Horizon Control Scheme for Nonlinear Discrete—Time Systems -- Approximating Automata and Discrete Control for Continuous Systems — Two Examples from Process Control -- Action Systems with Continuous Behaviour -- Towards Using Hybrid Automata for the Mission Planning of Unmanned Aerial Vehicles -- Optimal Controller Switching for Stochastic Systems -- Robust Control of Hybrid Systems: Performance Guided Strategies -- Analysis of Slope-Parametric

