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| 1. | Record Nr.              | UNINA990005809860403321  |
|    | Autore                  | Capuana, Luigi <1839–1915>   |
|    | Titolo                  | Teatro dialettale siciliano / Luigi Capuana  |
|    | Pubbl/distr/stampa      | Palermo : Alberto Reber, 1911-1912   |
|    | Descrizione fisica      | 3 v. ; 20 cm   |
|    | Disciplina              | 852.8  |
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|    | Formato                 | Materiale a stampa   |
|    | Livello bibliografico   | Monografia   |
| 2. | Record Nr.              | UNINA9910300536903321  |
|    | Autore                  | Alwan Mohamad S  |
|    | Titolo                  | Theory of Hybrid Systems: Deterministic and Stochastic / / by<br>Mohamad S. Alwan, Xinzhi Liu  |
|    | Pubbl/distr/stampa      | Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018  |
|    | ISBN                    | 981-10-8046-1  |
|    | Edizione                | [1st ed. 2018.]  |
|    | Descrizione fisica      | 1 online resource (xvi, 241 pages) : illustrations   |
|    | Collana                 | Nonlinear Physical Science, , 1867-8440  |
|    | Disciplina              | 004.259  |
|    | Soggetti                | Automatic control<br>System theory<br>Statistical physics<br>Physics<br>Mathematical physics<br>Control and Systems Theory<br>Systems Theory, Control<br>Applications of Nonlinear Dynamics and Chaos Theory<br>Mathematical Methods in Physics<br>Statistical Physics and Dynamical Systems<br>Mathematical Physics |

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| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Introduction -- Analysis of Hybrid Systems -- Singularly Perturbed Systems (SPSs) -- Systems of Differential Equations with Piecewise Continuous Arguments (EPCA): A Hybrid System Approach -- Reliable Control and State Estimation for Uncertain Impulsive Large-Scale Systems -- Stochastic Hybrid (Impulsive) Systems -- Stochastic Systems with EPCA -- Input-to-State Stability (ISS) for Stochastic Hybrid Systems -- Stability in Terms of Two Measures.  |
| Sommario/riassunto      | <p>This book is the first to present the application of the hybrid system theory to systems with EPCA (equations with piecewise continuous arguments). The hybrid system paradigm is a valuable modeling tool for describing a wide range of real-world applications. Moreover, although new technology has produced, and continues to produce highly hierarchical sophisticated machinery that cannot be analyzed as a whole system, hybrid system representation can be used to reduce the structural complexity of these systems. That is to say, hybrid systems have become a modeling priority, which in turn has led to the creation of a promising research field with several application areas. As such, the book explores recent developments in the area of deterministic and stochastic hybrid systems using the Lyapunov and Razumikhin–Lyapunov methods to investigate the systems’ properties. It also describes properties such as stability, stabilization, reliable control, H-infinity optimal control, input-to-state stability (ISS) /stabilization, state estimation, and large-scale singularly perturbed systems.</p> |