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Nota di contenuto	Stability Analysis for GRNs with Mixed Delays -- Stability Analysis of Delayed GRNs -- Stability Analysis for Delayed Switching GRNs -- Stability Analysis for Delayed Stochastic GRNs -- Stability Analysis for Delayed Reaction-Diusion GRNs -- State Estimation for Delayed GRNs -- Guaranteed Cost Control for Delayed GRNs -- State Estimation for Delayed Reaction-Diusion GRNs -- H State Estimation for Delayed Stochastic GRNs -- H State Estimation for Delayed Discrete-Time GRNs.
Sommario/riassunto	This book offers an essential introduction to the latest advances in delayed genetic regulatory networks (GRNs) and presents cutting-edge work on the analysis and design of delayed GRNs in which the system parameters are subject to uncertain, stochastic and/or parameter-varying changes. Specifically, the types examined include delayed switching GRNs, delayed stochastic GRNs, delayed reaction–diffusion GRNs, delayed discrete-time GRNs, etc. In addition, the solvability of stability analysis, control and estimation problems involving delayed GRNs are addressed in terms of linear matrix inequality or M-matrix tests. The book offers a comprehensive reference guide for researchers

and practitioners working in system sciences and applied mathematics, and a valuable source of information for senior undergraduates and graduates in these areas. Further, it addresses a gap in the literature by providing a unified and concise framework for the analysis and design of delayed GRNs.
