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Autore	Mauroni Albert J. <1962->
Titolo	Chemical demilitarization : public policy aspects / / Al Mauroni
Pubbl/distr/stampa	Westport, Conn. : , : Praeger, , 2003 New York : , : Bloomsbury Publishing (US), , 2024
ISBN	979-84-00-62488-9 1-282-40819-4 9786612408199 0-313-05168-2
Descrizione fisica	1 online resource (xv, 237 pages, 8 unnumbered pages of plates) : illustrations, map
Disciplina	363.72/87
Soggetti	Chemical weapons disposal - Government policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Tables and Figures; Preface; Abbreviations; 1. No More Chemical Arms; 2. A Legacy of Chemical Weapons; 3. Death and Birth of a Program; 4. Public and Congressional Interests; 5. Developing a Disposal Program; 6. Risk Management; 7. Legitimating Incineration; 8. Implementing the Disposal Program; 9. Managing the Disposal Program; 10. The Impact of Public Outreach; 11. Evaluating and Terminating the Disposal Program; 12. Reflecting on Public Policy; Appendix A: Life Cycle Costs of the Program; Appendix B: Congressional Views on Demilitarization; Notes; Selected Bibliography; Index
Sommario/riassunto	For more than 15 years, the Army's chemical demilitarization program has been criticized and castigated as a potentially dangerous effort, poorly executed without concern for the public. By reviewing the chemical demilitarization program as a public policy area, Mauroni offers a different perspective on how the Army worked with Congress and the public to offer the safest program possible. The Army was forced to delay its own schedule and increase the breadth and depth of the program to address political demands and idealistic environmental concerns. Mauroni contends that Army and Department of

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Autore	Del Vecchio Domitilla
Titolo	Biomolecular Feedback Systems / / Richard M. Murray, Domitilla Del Vecchio
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ISBN	9781400850501 1400850509
Edizione	[Course Book]
Descrizione fisica	1 online resource (287 p.)
Disciplina	612.8233
Soggetti	Biological control systems Systems biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Chapter 1. Introductory Concepts -- Chapter 2. Dynamic Modeling of Core Processes -- Chapter 3. Analysis of Dynamic Behavior -- Chapter 4. Stochastic Modeling and Analysis -- Chapter 5. Biological Circuit Components -- Chapter 6. Interconnecting Components -- Chapter 7. Design Tradeoffs -- Bibliography -- Index
Sommario/riassunto	This book provides an accessible introduction to the principles and tools for modeling, analyzing, and synthesizing biomolecular systems. It begins with modeling tools such as reaction-rate equations, reduced-order models, stochastic models, and specific models of important core processes. It then describes in detail the control and dynamical systems tools used to analyze these models. These include tools for analyzing stability of equilibria, limit cycles, robustness, and parameter uncertainty. Modeling and analysis techniques are then applied to design examples from both natural systems and synthetic biomolecular circuits. In addition, this comprehensive book addresses the problem of modular composition of synthetic circuits, the tools for analyzing the extent of modularity, and the design techniques for ensuring modular behavior. It also looks at design trade-offs, focusing on perturbations due to noise and competition for shared cellular

resources.Featuring numerous exercises and illustrations throughout, Biomolecular Feedback Systems is the ideal textbook for advanced undergraduates and graduate students. For researchers, it can also serve as a self-contained reference on the feedback control techniques that can be applied to biomolecular systems.Provides a user-friendly introduction to essential concepts, tools, and applicationsCovers the most commonly used modeling methodsAddresses the modular design problem for biomolecular systemsUses design examples from both natural systems and synthetic circuitsSolutions manual (available only to professors at press.princeton.edu)An online illustration package is available to professors at press.princeton.edu