

1. Record Nr.	UNINA9910483180103321
Autore	Zhang Ridong
Titolo	Model Predictive Control [[electronic resource] ] : Approaches Based on the Extended State Space Model and Extended Non-minimal State Space Model // by Ridong Zhang, Anke Xue, Furong Gao
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-0083-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xv, 137 pages) : illustrations
Disciplina	629.8
Soggetti	Systems theory Mathematical optimization Control and Systems Theory Systems Theory, Control Calculus of Variations and Optimal Control; Optimization Energy Efficiency
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Model Predictive Control Based on Extended State Space Model -- Predictive Functional Control Based on Extended State Space Model -- Model Predictive Control Based on Extended Non-Minimal State Space Model -- Predictive Functional Control Based on Extended Non-minimal State Space Model -- Model Predictive Control Under Constraints -- PID Control Using Extended Non-minimal State Space Model Optimization -- Closed-loop System Performance Analysis -- Model Predictive Control Performance Optimized by Genetic Algorithm -- Industrial Application -- Further Ideas on MPC and PFC Using Relaxed Constrained Optimization.
Sommario/riassunto	This monograph introduces the authors' work on model predictive control system design using extended state space and extended non-minimal state space approaches. It systematically describes model predictive control design for chemical processes, including the basic control algorithms, the extension to predictive functional control, constrained control, closed-loop system analysis, model predictive control optimization-based PID control, genetic algorithm

optimization-based model predictive control, and industrial applications. Providing important insights, useful methods and practical algorithms that can be used in chemical process control and optimization, it offers a valuable resource for researchers, scientists and engineers in the field of process system engineering and control engineering. .

2. Record Nr.	UNINA9910780637603321
Autore	Snyder Jon R. <1954->
Titolo	Dissimulation and the culture of secrecy in early modern Europe [[electronic resource] /] / Jon R. Snyder
Pubbl/distr/stampa	Berkeley, : University of California Press, c2009
ISBN	1-282-36103-1 9786612361036 0-520-94444-5
Descrizione fisica	1 online resource (307 p.)
Disciplina	302.2094/0903
Soggetti	Secrecy - Social aspects - Italy - History Truthfulness and falsehood - Social aspects - Italy - History Interpersonal communication - Italy - History Secrecy - Social aspects - Europe - History Truthfulness and falsehood - Social aspects - Europe - History Interpersonal communication - Europe - History Italy Social life and customs 16th century Italy Social life and customs 17th century Italy Social life and customs Sources Europe Social life and customs
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 (p. 179-271) and index.
Nota di contenuto	Frontmatter -- Contents -- List of Illustrations -- Preface: Lost Horizons -- Acknowledgments -- 1. Not Empty Silence. The Age of Dissimulation -- 2. Taking One's Distance. Civil and Moral

Dissimulation -- 3. Confidence Games. Dissimulation at Court -- 4.  
The Government of Designs. Dissimulation and Reason of State -- 5.  
The Writing on the Walls -- Notes -- Bibliography -- Index

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Sommario/riassunto

"Larvatus prodeo," announced René Descartes at the beginning of the seventeenth century: "I come forward, masked." Deliberately disguising or silencing their most intimate thoughts and emotions, many early modern Europeans besides Descartes-princes, courtiers, aristocrats and commoners alike-chose to practice the shadowy art of dissimulation. For men and women who could not risk revealing their inner lives to those around them, this art of incommunicativity was crucial, both personally and politically. Many writers and intellectuals sought to explain, expose, justify, or condemn the emergence of this new culture of secrecy, and from Naples to the Netherlands controversy swirled for two centuries around the powers and limits of dissimulation, whether in affairs of state or affairs of the heart. This beautifully written work crisscrosses Europe, with a special focus on Italy, to explore attitudes toward the art of dissimulation in the sixteenth and seventeenth centuries. Discussing many canonical and lesser-known works, Jon R. Snyder examines the treatment of dissimulation in early modern treatises and writings on the court, civility, moral philosophy, political theory, and in the visual arts.

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