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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
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ISBN	981-13-0083-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xv, 137 pages) : illustrations
Disciplina	629.8
Soggetti	Systems theory
ooggetti	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
Livello bibliografico Nota di contenuto	Monografia 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.

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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.