

A Course in Robust Control Theory

Texts in Applied Mathematics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A constructive proof of ISS small-gain theorem using generalized scaling. , 0, , .		14
2	A computational approach to dynamic bipedal walking. , 0, , .		2
3	Convex and finite dimensional conditions for controller synthesis with dynamic integral constraints. , 0, , .		1
4	Convex and finite-dimensional conditions for controller synthesis with dynamic integral constraints. IEEE Transactions on Automatic Control, 2001, 46, 222-234.	3.6	19
5	Computing quasi-LTI robustness margins in sampled-data systems. IEEE Transactions on Automatic Control, 2001, 46, 607-613.	3.6	2
6	Introducing SOSTOOLS: a general purpose sum of squares programming solver. , 0, , .		310
7	Structural control with dissipative damping devices. , 2002, , .		4
8	LMI approach to structured model reduction via coprime factorizations. , 2002, , .		5
9	State-dependent scaling characterization of stability and performance for nonlinear interconnected systems. , 0, , .		8
10	Linear control of nonlinear systems: Interplay between nonlinearity and feedback. AIChE Journal, 2002, 48, 1957-1980.	1.8	47
11	A subspace approach to balanced truncation for model reduction of nonlinear control systems. International Journal of Robust and Nonlinear Control, 2002, 12, 519-535.	2.1	407
13	Popov condition revisited for other nonlinear systems. , 2003, , .		4
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15	Semidefinite programming duality and linear time-invariant systems. IEEE Transactions on Automatic Control, 2003, 48, 30-41.	3.6	149
16	Robust gain scheduling control of an earthmoving vehicle powertrain. , 0, , .		6
17	A linear matrix inequality approach to H_2 controller order reduction with stability and performance preservation. , 0, , .		4
18	Feedback stabilization in the presence of fading channels. , 0, , .		15
19	Analysis of mode-dependent statistics of Markovian jump linear systems. , 0, , .		0

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21	Output feedback control synthesis for linear time-delay systems via infinite-dimensional LMI approach. , 0, , .		5
22	POD model reduction with stability guarantee. , 0, , .		15
23	Structured frequency weighted model reduction. , 0, , .		2
24	Necessity of the small gain theorem for multidimensional systems. , 0, , .		4
25	Dissipation inequalities for distributed systems on graphs. , 0, , .		5
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27	Theory and operation of a robust controller for a compact adaptive optics system. Optical Engineering, 2004, 43, 2912.	0.5	8
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55	Investigation of dissipativity for control of smart dampers via LMI synthesis. , 0, , .		4

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