

Shubhobrata Rudra

List of Publications by Year in descending order

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12
papers

153
citations

2682572

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158
citing authors

#	ARTICLE	IF	CITATIONS
1	Block Backstepping Design of Nonlinear State Feedback Control Law for Underactuated Mechanical Systems. , 2017, , .		19
2	Block Backstepping Control of the Underactuated Mechanical Systems. , 2017, , 31-52.		8
3	Applications of the Block Backstepping Algorithm on 2-DOF Underactuated Mechanical Systems: Some Case Studies. , 2017, , 53-108.		3
4	Challenges and New Frontiers in the Field of Underactuated Mechanical Systems Control. , 2017, , 145-153.		0
5	Design and implementation of a block backstepping based tracking control for nonholonomic wheeled mobile robot. International Journal of Robust and Nonlinear Control, 2016, 26, 3018-3035.	3.7	22
6	Design of block backstepping based nonlinear state feedback controller for pendubot. , 2016, , .		6
7	Nonlinear state feedback controller design for underactuated mechanical system: A modified block backstepping approach. ISA Transactions, 2014, 53, 317-326.	5.7	60
8	Stabilization of Furuta Pendulum: A backstepping based hierarchical sliding Mode approach with disturbance estimation. , 2013, , .		6
9	An FPGA based implementation of a flexible digital PID controller for a motion control system. , 2013, , .		19
10	Design of nonlinear state feedback control law for underactuated TORA system: A block backstepping approach. , 2013, , .		6
11	Global stabilization of a flat underactuated inertia wheel: A block backstepping approach. , 2013, , .		1
12	Robust adaptive integral backstepping control and its implementation on Permanent Magnet Synchronous Motor. , 2012, , .		3