

Mohammad Monir Uddin

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

300
citations

1684188

5
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
19	Rational Krylov subspace method (RKSM) for solving the Lyapunov equations of index-1 descriptor systems and application to balancing based model reduction. , 2016, , .		2
20	Structure preserving model order reduction using the projection onto the dominant eigen-space of the Gramian (PDEC). , 2017, , .		2
21	Efficient Techniques for Solving the Periodic Projected Lyapunov Equations and Model Reduction of Periodic Systems. Mathematical Problems in Engineering, 2017, 2017, 1-11.	1.1	2
22	Riccati based optimal control for linear quadratic regulator problems. , 2019, , .		2
23	SVD-Krylov based techniques for structure-preserving reduced order modelling of second-order systems. Mathematical Modelling and Control, 2021, 1, 79-89.	0.9	2
24	Time Restricted Balanced Truncation for Index-I Descriptor Systems with Non-homogeneous Initial Condition. Algorithms for Intelligent Systems, 2021, , 179-190.	0.6	2
25	SVD-Krylov based Sparsity-preserving Techniques for Riccati-based Feedback Stabilization of Unstable Power System Models. Journal of Engineering Advancements, 0, , .	0.7	2
26	Balanced truncation for reduced order modeling of Piezoelectric Tonpiz Transducer on the limited frequency interval. Applied Mathematical Modelling, 2022, 111, 63-77.	4.2	2
27	An Analysis on Python Programming Language Demand and Its Recent Trend in Bangladesh. , 2019, , .		1
28	Conic Programming Approach to Reduce Congestion Ratio in Communications Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 566-577.	0.3	1
29	Towards an Adaptive Dynamic Mode Decomposition. Results in Control and Optimization, 2022, 6, 100076.	2.3	1
30	Optimal Control of Sensor Based Human Arm Motion and Gesture Replication System. , 2019, , .		0
31	Reduced Model Based Feedback Stabilization of Large-scale Sparse Power System Model. , 2019, , .		0
32	Iterative Rational Krylov Algorithms for model reduction of a class of constrained structural dynamic system with Engineering applications. Numerical Algebra, Control and Optimization, 2021, .	1.6	0
33	Computational Techniques for Structure Preserving Model Reduction of Constrain Dynamical Models. Algorithms for Intelligent Systems, 2020, , 487-496.	0.6	0