Do Duc Thuan

List of Publications by Year
in descending order

25 papers	189 citations	1163117 8 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	87 citing authors

#	Article	IF	Citations
1	Stability and Robust Stability of Linear Time-Invariant Delay Differential-Algebraic Equations. SIAM Journal on Matrix Analysis and Applications, 2013, 34, 1631-1654.	1.4	41
2	Stability radius of implicit dynamic equations with constant coefficients on time scales. Systems and Control Letters, 2011, 60, 596-603.	2.3	26
3	The structured distance to non-surjectivity and its application to calculating the controllability radius of descriptor systems. Journal of Mathematical Analysis and Applications, 2012, 388, 272-281.	1.0	14
4	Stability analysis for switched discrete-time linear singular systems. Automatica, 2020, 119, 109100.	5.0	14
5	The structured distance to uncontrollability under multi-perturbations: An approach using multi-valued linear operators. Systems and Control Letters, 2010, 59, 476-483.	2.3	13
6	The structured controllability radii of higher order systems. Linear Algebra and Its Applications, 2013, 438, 2701-2716.	0.9	13
7	Stability Analysis of Implicit Difference Equations Under Restricted Perturbations. SIAM Journal on Matrix Analysis and Applications, 2015, 36, 178-202.	1.4	13
8	Exponential Stability and Robust Stability for Linear Time-Varying Singular Systems of Second Order Difference Equations. SIAM Journal on Matrix Analysis and Applications, 2018, 39, 204-233.	1.4	10
9	The structured controllability radius of linear delay systems. International Journal of Control, 2013, 86, 512-518.	1.9	8
10	The one-step-map for switched singular systems in discrete-time. , 2019, , .		7
11	Robust stability of linear time-varying implicit dynamic equations: a general consideration. Mathematics of Control, Signals, and Systems, 2019, 31, 385-413.	2.3	5
12	Radius of approximate controllability of linear retarded systems under structured perturbations. Systems and Control Letters, 2015, 84, 13-20.	2.3	4
13	Stability radii of differential–algebraic equations with respect to stochastic perturbations. Systems and Control Letters, 2021, 147, 104834.	2.3	4
14	Robust stability and robust stabilizability for periodically switched linear systems. Applied Mathematics and Computation, 2019, 361, 112-130.	2.2	3
15	Stochastic implicit difference equations of index-1. Journal of Difference Equations and Applications, 2020, 26, 1428-1449.	1.1	3
16	On stability, Bohl exponent and Bohl–Perron theorem for implicit dynamic equations. International Journal of Control, 2021, 94, 3520-3532.	1.9	3
17	On data dependence of stability domains, exponential stability and stability radii for implicit linear dynamic equations. Mathematics of Control, Signals, and Systems, 2016, 28, 1.	2.3	2
18	Stabilizability and robust stabilizability of implicit dynamic equations with constant coefficients on time scales. IMA Journal of Mathematical Control and Information, 2016, 33, 121-136.	1.7	2

#	Article	IF	Citations
19	Solvability and stability of stochastic singular difference equations with constant coefficient matrices of index-ν. International Journal of Systems Science, 2022, 53, 2063-2074.	5.5	2
20	Spectrum-Based Robust Stability Analysis of Linear Delay Differential-Algebraic Equations. , 2015, , 533-557.		1
21	Controllability Radii of Linear Systems with Constrained Controls Under Structured Perturbations. SIAM Journal on Control and Optimization, 2016, 54, 2820-2843.	2.1	1
22	On the Convergence of Solutions to Dynamic Equations on Time Scales. Qualitative Theory of Dynamical Systems, 2016, 15, 453-469.	1.7	0
23	Structured distance to non‑surjectivity of convex processes and its applications to robust controllability under structured perturbations. IET Control Theory and Applications, 2018, 12, 263-272.	2.1	0
24	Controllability radii of linear neutral systems under structured perturbations. International Journal of Control, 2018, 91, 145-155.	1.9	0
25	New criteria for exponential stability of a class of nonlinear continuous-time difference systems with delays. International Journal of Control, 0, , 1-24.	1.9	0