

Hoang Linh Vu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6271038/publications.pdf>

Version: 2024-02-01

27
papers

308
citations

840776

11
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

134
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 criteria for differential-algebraic equations with multiple delays and their numerical solutions. Applied Mathematics and Computation, 2009, 208, 397-415.	2.2	38
3	Lyapunov, Bohl and Sacker-Sell Spectral Intervals for Differential-Algebraic Equations. Journal of Dynamics and Differential Equations, 2009, 21, 153-194.	1.9	34
4	On data-dependence of exponential stability and stability radii for linear time-varying differential-algebraic systems. Journal of Differential Equations, 2008, 245, 2078-2102.	2.2	25
5	Stability radii for linear time-varying differential-algebraic equations with respect to dynamic perturbations. Journal of Differential Equations, 2006, 230, 579-599.	2.2	24
6	On stability and Bohl exponent of linear singular systems of difference equations with variable coefficients. Journal of Difference Equations and Applications, 2016, 22, 1350-1377.	1.1	16
7	Implicit-system approach to the robust stability for a class of singularly perturbed linear systems. Systems and Control Letters, 2005, 54, 33-41.	2.3	15
8	Robust Stability of Differential-Algebraic Equations. , 2013, , 63-95.		14
9	QR methods and error analysis for computing Lyapunov and Sacker-Sell spectral intervals for linear differential-algebraic equations. Advances in Computational Mathematics, 2011, 35, 281-322.	1.6	13
10	On the robust stability of implicit linear systems containing a small parameter in the leading term. IMA Journal of Mathematical Control and Information, 2006, 23, 67-84.	1.7	12
11	Approximation of Spectral Intervals and Leading Directions for Differential-Algebraic Equation via Smooth Singular Value Decompositions. SIAM Journal on Numerical Analysis, 2011, 49, 1810-1835.	2.3	12
12	Adjoint pairs of differential-algebraic equations and Hamiltonian systems. Applied Numerical Mathematics, 2005, 53, 131-148.	2.1	11
13	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
14	On BDF-Based Multistep Schemes for Some Classes of Linear Differential-Algebraic Equations of Index at Most 2. Acta Mathematica Vietnamica, 2016, 41, 715-730.	0.4	8
15	Adjoint Pairs of Differential-Algebraic Equations and Their Lyapunov Exponents. Journal of Dynamics and Differential Equations, 2017, 29, 655-684.	1.9	8
16	Runge-Kutta methods revisited for a class of structured strangeness-free differential-algebraic equations. Electronic Transactions on Numerical Analysis, 0, 48, 131-155.	0.0	6
17	Efficient integration of strangeness-free non-stiff differential-algebraic equations by half-explicit methods. Journal of Computational and Applied Mathematics, 2014, 262, 346-360.	2.0	5
18	On some questions arising in numerical realization of amplitude-phase methods. Numerical Algorithms, 1998, 17, 171-191.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Chapter 4: Spectra and Leading Directions for Linear DAEs. , 2012, , 59-78.		2
20	Bohlá€Perron Type Stability Theorems for Linear Singular Difference Equations. Vietnam Journal of Mathematics, 2018, 46, 437-451.	0.8	2
21	Stable Numerical Solution for a Class of Structured Differential-Algebraic Equations by Linear Multistep Methods. Acta Mathematica Vietnamica, 2019, 44, 955-976.	0.4	2
22	On convergence of continuous half-explicit Runge-Kutta methods for a class of delay differential-algebraic equations. Numerical Algorithms, 2020, 85, 277-303.	1.9	2
23	Index reduction for second order singular systems of difference equations. Linear Algebra and Its Applications, 2021, 608, 107-132.	0.9	2
24	Convergence Analysis of Linear Multistep Methods for a Class of Delay Differential-Algebraic Equations. Bulletin of the South Ural State University, Series: Mathematical Modelling, Programming and Computer Software, 2018, 11, 78-93.	0.4	2
25	Spectrum-Based Robust Stability Analysis of Linear Delay Differential-Algebraic Equations. , 2015, , 533-557.		1
26	Block Difference Schemes of High Order for Stiff Linear Differential-Algebraic Equations. Computational Mathematics and Mathematical Physics, 2019, 59, 1049-1057.	0.8	1
27	On the high order asymptotic solution of certain wave equations. Miskolc Mathematical Notes, 2004, 5, 57.	0.6	0