Jan ÄŒermÃ¡k

List of Publications by Year
in descending order

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45	736	566801	552369
papers	citations	15 h-index	26 g-index

46	46	46	382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On a problem of linearized stability for fractional difference equations. Nonlinear Dynamics, 2021, 104, 1253-1267.	2.7	7
2	On stability of linear differential equations with commensurate delayed arguments. Applied Mathematics Letters, 2021, 125, 107750.	1.5	0
3	On exact and discretized stability of a linear fractional delay differential equation. Applied Mathematics Letters, 2020, 105, 106296.	1.5	9
4	On stabilization of unstable steady states of autonomous ordinary differential equations via delayed feedback controls. Physica D: Nonlinear Phenomena, 2020, 404, 132339.	1.3	4
5	Stability and chaos in the fractional Chen system. Chaos, Solitons and Fractals, 2019, 125, 24-33.	2.5	24
6	Delay-dependent stability switches in fractional differential equations. Communications in Nonlinear Science and Numerical Simulation, 2019, 79, 104888.	1.7	11
7	Exact versus discretized stability regions for a linear delay differential equation. Applied Mathematics and Computation, 2019, 347, 712-722.	1.4	3
8	On stability and stabilization of some discrete dynamical systems. Mathematical Methods in the Applied Sciences, 2018, 41, 3684-3695.	1.2	5
9	Local Bifurcations and Chaos in the Fractional RÃ¶ssler System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850098.	0.7	9
10	Fractional differential equations with a constant delay: Stability and asymptotics of solutions. Applied Mathematics and Computation, 2017, 298, 336-350.	1.4	36
11	The Routhâ€“Hurwitz conditions of fractional type in stability analysis of the Lorenz dynamical system. Nonlinear Dynamics, 2017, 87, 939-954.	2.7	30
12	Stability and periodic investigations of linear planar difference systems. Mathematical Methods in the Applied Sciences, 2016, 39, 5343-5354.	1.2	1
13	Stability regions for fractional differential systems with a time delay. Communications in Nonlinear Science and Numerical Simulation, 2016, 31, 108-123.	1.7	60
14	Stability conditions for linear delay difference equations: a survey and perspectives. Tatra Mountains Mathematical Publications, 2015, 63, 1-29.	0.1	13
15	On explicit stability conditions for a linear fractional difference system. Fractional Calculus and Applied Analysis, 2015, 18, 651-672.	1.2	152
16	Explicit stability conditions for a linear trinomial delay difference equation. Applied Mathematics Letters, 2015, 43, 56-60.	1.5	15
17	Two types of stability conditions for linear delay difference equations. Applicable Analysis and Discrete Mathematics, 2015, 9, 120-138.	0.3	1
18	Asymptotic Stability Of Dynamic Equations With Two Fractional Terms: Continuous Versus Discrete Case. Fractional Calculus and Applied Analysis, 2015, 18, 437-458.	1.2	15

#	Article	IF	Citations
19	Stability properties of two-term fractional differential equations. Nonlinear Dynamics, 2015, 80, 1673-1684.	2.7	31
20	Stability switches in linear delay difference equations. Applied Mathematics and Computation, 2014, 243, 755-766.	1.4	25
21	Delay-dependent stability criteria for neutral delay differential and difference equations. Discrete and Continuous Dynamical Systems, 2014, 34, 4577-4588.	0.5	1
22	On stability regions for some delay differential equations and their discretizations. Periodica Mathematica Hungarica, 2014, 68, 193-206.	0.5	1
23	Exact and discretized stability of the Bagleyâ€“Torvik equation. Journal of Computational and Applied Mathematics, 2014, 269, 53-67.	1.1	21
24	On Delay-Dependent Stability Conditions for a Three-Term Linear Difference Equation. Funkcialaj Ekvacioj, 2014, 57, 91-106.	0.2	9
25	Some qualitative properties of linear dynamic equations with multiple delays. Advances in Difference Equations, 2013, 2013, .	3.5	0
26	Stability regions for linear fractional differential systems and their discretizations. Applied Mathematics and Computation, 2013, 219, 7012-7022.	1.4	35
27	On necessary and sufficient conditions for the asymptotic stability of higher order linear difference equations. Journal of Difference Equations and Applications, 2012, 18, 1781-1800.	0.7	21
28	Stability and asymptotic properties of a linear fractional difference equation. Advances in Difference Equations, 2012, 2012, .	3.5	22
29	Boundedness and asymptotic properties of solutions of some linear and sublinear delay difference equations. Applied Mathematics Letters, 2012, 25, 813-817.	1.5	2
30	The stability and asymptotic properties of the Â-methods for the pantograph equation. IMA Journal of Numerical Analysis, 2011, 31, 1533-1551.	1.5	8
31	Discrete Mittag-Leffler Functions in Linear Fractional Difference Equations. Abstract and Applied Analysis, 2011, 2011, 1-21.	0.3	32
32	Asymptotic Bounds for Linear Difference Systems. Advances in Difference Equations, 2010, 2010, 1-15.	3.5	5
33	On (q, h)-Analogue of Fractional Calculus. Journal of Nonlinear Mathematical Physics, 2010, 17, 51.	0.8	45
34	Asymptotic Bounds for Linear Difference Systems. Advances in Difference Equations, 2010, 2010, 182696.	3.5	2
35	The asymptotic behaviour of q-difference equations with multiple delays. Tatra Mountains Mathematical Publications, 2009, 43, 41-50.	0.1	0
36	Asymptotic Estimation for Some Nonlinear Delay Differential Equations. Results in Mathematics, 2008, 51, 201-213.	0.4	4

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37	Delay equations on time scales: Essentials and asymptotics of the solutions. Journal of Difference Equations and Applications, 2008, 14, 567-580.	0.7	10
38	On a linear differential equation with a proportional delay. Mathematische Nachrichten, 2007, 280, 495-504.	0.4	8
39	On the asymptotics of solutions of delay dynamic equations on time scales. Mathematical and Computer Modelling, 2007, 46, 445-458.	2.0	9
40	On matrix differential equations with several unbounded delays. European Journal of Applied Mathematics, 2006, 17, 417-433.	1.4	9
41	Linear differential equations with unbounded delays and a forcing term. Abstract and Applied Analysis, 2004, 2004, 337-345.	0.3	1
42	Difference Equations in the Qualitative Theory of Delay Differential Equations. , 2004, , 391-398.		3
43	The Asymptotic of Solutions for a Class of Delay Differential Equations. Rocky Mountain Journal of Mathematics, 2003, 33, 775.	0.2	4
44	Asymptotic properties of differential equations with advanced argument. Czechoslovak Mathematical Journal, 2000, 50, 825-837.	0.3	4
45	The Asymptotic Bounds of Solutions of Linear Delay Systems. Journal of Mathematical Analysis and Applications, 1998, 225, 373-388.	0.5	22