

Michal Pospisil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2908049/publications.pdf>

Version: 2024-02-01

54
papers

598
citations

687363

13
h-index

642732

23
g-index

56
all docs

56
docs citations

56
times ranked

194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Stability and feedback stabilizability of delay periodic differential equations with pairwise permutable matrix functions. <i>Mathematica Slovaca</i> , 2022, 72, 379-396. | 0.6 | 0 |
| 2 | Non-oscillation criterion for Euler type half-linear difference equations with consequences in linear case. <i>Acta Mathematica Hungarica</i> , 2022, 166, 624-649. | 0.5 | 3 |
| 3 | Nonoscillation of half-linear dynamic equations on time scales. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 8775-8797. | 2.3 | 9 |
| 4 | REPRESENTATION OF SOLUTIONS OF SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS WITH MULTIPLE DELAYS AND NONPERMUTABLE VARIABLE COEFFICIENTS. <i>Mathematical Modelling and Analysis</i> , 2020, 25, 303-322. | 1.5 | 12 |
| 5 | Note on weakly fractional differential equations. <i>Advances in Difference Equations</i> , 2019, 2019, . | 3.5 | 7 |
| 6 | New global bifurcation diagrams for piecewise smooth systems: Transversality of homoclinic points does not imply chaos. <i>Journal of Differential Equations</i> , 2019, 266, 1429-1461. | 2.2 | 8 |
| 7 | On the existence and exponential stability for differential equations with multiple constant delays and nonlinearity depending on fractional substantial integrals. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2019, , 1-17. | 0.5 | 4 |
| 8 | Averaging methods for piecewise-smooth ordinary differential equations. <i>AIMS Mathematics</i> , 2019, 4, 1466-1487. | 1.6 | 1 |
| 9 | Difference equations with impulses. <i>Opuscula Mathematica</i> , 2019, 39, 5-22. | 0.8 | 5 |
| 10 | Representation of Solutions of Systems of Linear Differential Equations with Multiple Delays and Linear Parts Given by Nonpermutable Matrices. <i>Journal of Mathematical Sciences</i> , 2018, 228, 276-289. | 0.4 | 15 |
| 11 | Gain-loss-driven travelling waves in PT-symmetric nonlinear metamaterials. <i>Wave Motion</i> , 2018, 76, 9-18. | 2.0 | 2 |
| 12 | On Equations with Generalized Periodic Right-Hand Side. <i>Ukrainian Mathematical Journal</i> , 2018, 70, 288-318. | 0.5 | 14 |
| 13 | Periodically Forced Nonlinear Oscillatory Acoustic Vacuum. <i>Axioms</i> , 2018, 7, 69. | 1.9 | 1 |
| 14 | Bifurcation of travelling waves in implicit nonlinear lattices: applications in metamaterials. <i>Applicable Analysis</i> , 2017, 96, 578-589. | 1.3 | 2 |
| 15 | On the Position of Chaotic Trajectories. <i>Journal of Dynamics and Differential Equations</i> , 2017, 29, 1423-1458. | 1.9 | 2 |
| 16 | Relative Controllability of Neutral Differential Equations with a Delay. <i>SIAM Journal on Control and Optimization</i> , 2017, 55, 835-855. | 2.1 | 17 |
| 17 | Representation of solutions of delayed difference equations with linear parts given by pairwise permutable matrices via $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="script" \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -transform. <i>Applied Mathematics and Computation</i> , 2017, 294, 180-194. | 2.2 | 35 |
| 18 | Relative controllability of delayed difference equations to multiple consecutive states. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Bifurcation from family of periodic orbits in autonomous systems. , 2016, , 39-69. | | 0 |
| 20 | Periodically forced impact systems. , 2016, , 125-141. | | 0 |
| 21 | Travelling waves in nonlinear magneto-inductive lattices. Journal of Differential Equations, 2016, 260, 1717-1746. | 2.2 | 5 |
| 22 | An introductory example. , 2016, , 1-6. | | 2 |
| 23 | On the representation of solutions of delayed differential equations via Laplace transform. Electronic Journal of Qualitative Theory of Differential Equations, 2016, , 1-13. | 0.5 | 15 |
| 24 | Sliding solution of periodically perturbed systems. , 2016, , 87-104. | | 0 |
| 25 | Impact periodic orbits. , 2016, , 189-219. | | 0 |
| 26 | Bifurcation from family of periodic orbits in forced billiards. , 2016, , 143-151. | | 0 |
| 27 | Transversal periodic orbits. , 2016, , 157-169. | | 0 |
| 28 | Sliding periodic orbits. , 2016, , 171-187. | | 0 |
| 29 | Bifurcation from single periodic orbit in autonomous systems. , 2016, , 71-86. | | 0 |
| 30 | Weakly coupled oscillators. , 2016, , 105-119. | | 0 |
| 31 | Approximation and dynamics. , 2016, , 221-226. | | 0 |
| 32 | Periodically forced discontinuous systems. , 2016, , 9-38. | | 0 |
| 33 | Nonexistence of periodic solutions and S-asymptotically periodic solutions in fractional difference equations. Applied Mathematics and Computation, 2015, 257, 230-240. | 2.2 | 25 |
| 34 | Dynamics of generalized PT-symmetric dimers with time-periodic gain"loss. Nonlinear Dynamics, 2015, 81, 353-371. | 5.2 | 8 |
| 35 | On relative controllability of delayed difference equations with multiple control functions. AIP Conference Proceedings, 2015, , . | 0.4 | 6 |
| 36 | ASYMPTOTIC INTEGRATION OF FRACTIONAL DIFFERENTIAL EQUATIONS WITH INTEGRODIFFERENTIAL RIGHT-HAND SIDE. Mathematical Modelling and Analysis, 2015, 20, 471-489. | 1.5 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Representation of solutions of neutral differential equations with delay and linear parts defined by pairwise permutable matrices. <i>Miskolc Mathematical Notes</i> , 2015, 16, 423. | 0.6 | 6 |
| 38 | Travelling Waves in Nonlinear Magnetic Metamaterials. <i>Advances in Dynamics, Patterns, Cognition</i> , 2014, , 335-358. | 0.3 | 6 |
| 39 | Persistence of periodic orbits in periodically forced impact systems. <i>Mathematica Slovaca</i> , 2014, 64, . | 0.6 | 4 |
| 40 | On exponential stability of nonlinear fractional multidelay integro-differential equations defined by pairwise permutable matrices. <i>Applied Mathematics and Computation</i> , 2014, 227, 456-468. | 2.2 | 13 |
| 41 | On the New Control Functions for Linear Discrete Delay Systems. <i>SIAM Journal on Control and Optimization</i> , 2014, 52, 1745-1760. | 2.1 | 62 |
| 42 | Note on fractional difference Gronwall inequalities. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2014, , 1-18. | 0.5 | 5 |
| 43 | Periodic Travelling Waves of Forced FPU Lattices. <i>Journal of Dynamics and Differential Equations</i> , 2013, 25, 795-820. | 1.9 | 8 |
| 44 | Bifurcation from single periodic orbit in discontinuous autonomous systems. <i>Applicable Analysis</i> , 2013, 92, 1085-1100. | 1.3 | 5 |
| 45 | Representation of a solution of the Cauchy problem for an oscillating system with two delays and permutable matrices. <i>Ukrainian Mathematical Journal</i> , 2013, 65, 64-76. | 0.5 | 49 |
| 46 | Bifurcation of sliding periodic orbits in periodically forced discontinuous systems. <i>Nonlinear Analysis: Real World Applications</i> , 2013, 14, 150-162. | 1.7 | 12 |
| 47 | Representation of a Solution of the Cauchy Problem for an Oscillating System with Multiple Delays and Pairwise Permutable Matrices. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10. | 0.7 | 11 |
| 48 | Observability of difference equations with a delay. , 2013, , . | | 4 |
| 49 | Forced Fermi-Pasta-Ulam lattice maps. <i>Miskolc Mathematical Notes</i> , 2013, 14, 63. | 0.6 | 5 |
| 50 | Discretization of dynamical systems with first integrals. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 33, 3543-3554. | 0.9 | 4 |
| 51 | Bifurcation from Family of Periodic Orbits in Discontinuous Autonomous Systems. <i>Differential Equations and Dynamical Systems</i> , 2012, 20, 207-234. | 1.0 | 14 |
| 52 | Sufficient conditions for the asymptotic stability of nonlinear multidelay differential equations with linear parts defined by pairwise permutable matrices. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 3348-3363. | 1.1 | 61 |
| 53 | Representation and stability of solutions of systems of functional differential equations with multiple delays. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2012, , 1-30. | 0.5 | 39 |
| 54 | Stability and the nonexistence of blowing-up solutions of nonlinear delay systems with linear parts defined by permutable matrices. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011, 74, 3903-3911. | 1.1 | 52 |