

Bisection method in higher dimensions and the efficien

Periodica Polytechnica, Mechanical Engineering

56, 81

DOI: 10.3311/pp.me.2012-2.01

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamics of Drill Bits With Cutting Edges of Varying Parameters. , 2013, , .		0
2	Improved prediction of stability lobes with extended multi frequency solution. CIRP Annals - Manufacturing Technology, 2013, 62, 411-414.	1.7	84
3	Parallel scanning of implicit surfaces with the simplex algorithm. Periodica Polytechnica: Civil Engineering, 2014, 58, 23.	0.6	4
4	Spectrum design using distributed delay. International Journal of Dynamics and Control, 2014, 2, 234-246.	1.5	9
5	Cylindrical milling tools: Comparative real case study for process stability. CIRP Annals - Manufacturing Technology, 2014, 63, 385-388.	1.7	48
6	Stability analysis of machine-tool vibrations in the frequency domain. IFAC-PapersOnLine, 2015, 48, 328-333.	0.5	4
7	Robust Stability Computation Method for the Delayed Oscillator Model—This paper was supported by the Hungarian Scientific Research Fund "OTKA PD"112983 and the Janos Bolyai Research Scholarship of the Hungarian Academy of Sciences.. IFAC-PapersOnLine, 2015, 48, 17-20.	0.5	0
8	Robust Stability Limit of Delayed Dynamical Systems. Periodica Polytechnica, Mechanical Engineering, 2015, 59, 74-80.	0.8	6
9	On the Effect of Distributed Regenerative Delay on the Stability Lobe Diagrams of Milling Processes. Periodica Polytechnica, Mechanical Engineering, 2015, 59, 126-136.	0.8	8
10	Implicit subspace iteration as an efficient method to compute milling stability lobe diagrams. International Journal of Advanced Manufacturing Technology, 2015, 77, 597-607.	1.5	6
11	Global root bracketing method with adaptive mesh refinement. Applied Mathematics and Computation, 2015, 268, 628-635.	1.4	3
13	Efficient Computation Method for Strong Stability Area of Neutral Equations. IFAC-PapersOnLine, 2016, 49, 224-228.	0.5	0
14	Cumulative Surface Location Error for Milling Processes Based on Tool-tip Frequency Response Function. Procedia CIRP, 2016, 46, 323-326.	1.0	17
15	A pseudospectral tau approximation for time delay systems and its comparison with other weighted-residual-type methods. International Journal for Numerical Methods in Engineering, 2016, 108, 588-613.	1.5	16
16	Extension of the spectral element method for stability analysis of time-periodic delay-differential equations with multiple and distributed delays. Communications in Nonlinear Science and Numerical Simulation, 2016, 35, 177-189.	1.7	24
17	Tyre induced vibrations of the car-trailer system. Journal of Sound and Vibration, 2016, 362, 214-227.	2.1	15
18	Optimal Detuning of a Parallel Turning System—Theory and Experiments. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	11
19	Algorithm for Robust Stability of Delayed Multi-Degree-of-Freedom Systems. Advances in Delays and Dynamics, 2017, , 141-154.	0.4	1

#	ARTICLE	IF	CITATIONS
20	Prediction of robust stability boundaries for milling operations with extended multi-frequency solution and structured singular values. <i>Journal of Manufacturing Processes</i> , 2017, 30, 281-289.	2.8	21
21	Robust controller design for turning operations based on measured frequency response functions. <i>IFAC-PapersOnLine</i> , 2017, 50, 7103-7108.	0.5	3
22	Scalable stability analysis on large connected vehicle systems subject to stochastic communication delays. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 83, 39-60.	3.9	42
23	Stability and Frequency Response Under Stochastic Communication Delays With Applications to Connected Cruise Control Design. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 388-403.	4.7	103
24	Synchronization in networks with heterogeneous coupling delays. <i>Physical Review E</i> , 2018, 97, 012311.	0.8	20
25	Energy Distribution of a Vehicle Shimmy System with the Delayed Tyre Model. <i>IFAC-PapersOnLine</i> , 2018, 51, 7-12.	0.5	3
26	Stability of turning processes for periodic chip formation. <i>Advances in Manufacturing</i> , 2018, 6, 345-353.	3.2	7
27	Dynamic Stability of a Structurally Damped Delaminated Beam Using Higher Order Theory. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-15.	0.6	4
28	Generalized Interval Method of Bisection for Metrologically Based Search for Solutions of Systems of Equations with Inaccurately Specified Initial Data. <i>Measurement Techniques</i> , 2019, 62, 193-201.	0.2	2
29	Bifurcation analysis of wheel shimmy with non-smooth effects and time delay in the tyre-“ground contact. <i>Nonlinear Dynamics</i> , 2019, 98, 841-858.	2.7	36
30	On stability of emulated turning processes in HIL environment. <i>CIRP Annals - Manufacturing Technology</i> , 2019, 68, 405-408.	1.7	15
31	On the global dynamics of connected vehicle systems. <i>Nonlinear Dynamics</i> , 2019, 96, 1865-1877.	2.7	18
32	Stochastic semi-“discretization for linear stochastic delay differential equations. <i>International Journal for Numerical Methods in Engineering</i> , 2019, 119, 879-898.	1.5	17
33	Optimum Selection of Variable Pitch for Chatter Suppression in Face Milling Operations. <i>Materials</i> , 2019, 12, 112.	1.3	20
34	Robust Design of Connected Cruise Control Among Human-Driven Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 749-761.	4.7	32
35	Robust stability of milling operations based on pseudospectral approach. <i>International Journal of Machine Tools and Manufacture</i> , 2020, 149, 103516.	6.2	25
36	Stochastic semidiscretization method: Second moment stability analysis of linear stochastic periodic dynamical systems with delays. <i>Applied Mathematical Modelling</i> , 2020, 88, 933-950.	2.2	3
37	The Basics of Time-Domain-Based Milling Stability Prediction Using Frequency Response Function. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 72.	1.0	3

#	ARTICLE	IF	CITATIONS
38	On the moment dynamics of stochastically delayed linear control systems. International Journal of Robust and Nonlinear Control, 2020, 30, 8074-8097.	2.1	10
39	A Blind Multiscale Spatial Regularization Framework for Kernel-Based Spectral Unmixing. IEEE Transactions on Image Processing, 2020, 29, 4965-4979.	6.0	17
40	Prediction of cumulative surface location error at the contact zone of in-process workpiece and milling tool. International Journal of Mechanical Sciences, 2020, 177, 105543.	3.6	14
41	Calculation of the critical delay for the double inverted pendulum. JVC/Journal of Vibration and Control, 2021, 27, 356-364.	1.5	10
42	A novel harmonic solution for chatter stability of time periodic systems. Journal of Sound and Vibration, 2021, 490, 115719.	2.1	5
43	The effects of sensory quantization and control torque saturation on human balance control. Chaos, 2021, 31, 033145.	1.0	6
44	Rolling balance board of adjustable geometry as a tool to assess balancing skill and to estimate reaction time delay. Journal of the Royal Society Interface, 2021, 18, 20200956.	1.5	7
45	Modeling of sustained spontaneous network oscillations of a sexually dimorphic brainstem nucleus: the role of potassium equilibrium potential. Journal of Computational Neuroscience, 2021, 49, 419-439.	0.6	3
46	Machining of slender workpieces subjected to time-periodic axial force: stability and chatter suppression. Journal of Sound and Vibration, 2021, 504, 116114.	2.1	11
47	Dynamic stability analysis of delaminated composite beams in frequency domain using a unified beam theory with higher order displacement continuity. Composite Structures, 2021, 272, 114173.	3.1	11
48	Research on numerical solution of one-sided monotonic function dichotomy. Journal of Physics: Conference Series, 2021, 2012, 012057.	0.3	1
49	A Mathematica Package for Plotting Implicitly Defined Hypersurfaces in "Equation missing". Lecture Notes in Computer Science, 2020, , 117-129.	1.0	1
50	Multi-dimensional chatter stability for enhanced productivity in different parallel turning strategies. International Journal of Machine Tools and Manufacture, 2017, 123, 116-128.	6.2	27
51	Effects of Varying Dynamics of Flexible Workpieces in Milling Operations. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2020, 142, .	1.3	11
52	Fast Generation of Stability Charts for Time-Delay Systems Using Continuation of Characteristic Roots. Journal of Computational and Nonlinear Dynamics, 2020, 15, .	0.7	2
53	EXPERIMENTAL VALIDATION OF CUMULATIVE SURFACE LOCATION ERROR FOR TURNING PROCESSES. Acta Polytechnica CTU Proceedings, 0, 3, 25-29.	0.3	2
54	Milling Processes With Active Damping: Modeling and Stability. Journal of Computational and Nonlinear Dynamics, 2022, 17, .	0.7	2
55	Multi-objective Optimization of Biochemical System Production Using an Improve Newton Competitive Differential Evolution Method. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1535.	0.2	6

#	ARTICLE	IF	CITATIONS
56	Vehicle Shimmy Modeling With Pacejka's Magic Formula and the Delayed Tire Model. Journal of Computational and Nonlinear Dynamics, 2020, 15, .	0.7	7
57	Multidimensional Manifold Continuation for Adaptive Boundary-Value Problems. Journal of Computational and Nonlinear Dynamics, 2020, 15, .	0.7	3
58	Phase space geometry of isolated to condensed chemical reactions. Journal of Chemical Physics, 2021, 155, 210901.	1.2	6
59	Green's functions of and emission into discrete anisotropic and hyperbolic baths. Physical Review Research, 2022, 4, .	1.3	2
61	Bifurcations analysis in implicit maps through the dynamics of cumulated surface errors in milling. Nonlinear Dynamics, 0, , 1.	2.7	0
62	On the non-linear dynamics of vehicle shimmy coupled with handling motions: modelling, bifurcation analysis, and validations. JVC/Journal of Vibration and Control, 0, , 107754632210962.	1.5	0
63	Energy-Efficient Cooperative Offloading for Edge Computing-Enabled Vehicular Networks. IEEE Transactions on Wireless Communications, 2022, 21, 10709-10723.	6.1	7
64	Fast calculation of the welding gun posture for spot welding using octrees and CPU parallel processing. International Journal of Advanced Manufacturing Technology, 2022, 122, 2685-2699.	1.5	0
65	Nonlinear effects of saturation in the car-following model. Nonlinear Dynamics, 2023, 111, 2555-2569.	2.7	2
66	Development of a generalized extended harmonic solution for analyzing the combination of chatter suppression techniques in milling. Journal of Sound and Vibration, 2023, 543, 117368.	2.1	3
67	On the global dynamics of path-following control of automated passenger vehicles. Nonlinear Dynamics, 2023, 111, 8235-8252.	2.7	3
68	Efficient Attack-Surface Exploration for Electromagnetic Fault Injection. Lecture Notes in Computer Science, 2023, , 23-41.	1.0	0