

Gregor AČEepon

List of Publications by Year in descending order

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papers

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759233

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34
all docs

34
docs citations

34
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Weakening of the multi-point constraints in modal substructuring using singular value decomposition. <i>Mechanical Systems and Signal Processing</i> , 2022, 163, 108109.	8.0	4
2	An expansion based on System Equivalent Model Mixing: From a limited number of points to a full-field dynamic response. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 190, 110522.	5.0	2
3	pyFBS: A Python package for Frequency Based Substructuring. <i>Journal of Open Source Software</i> , 2022, 7, 3399.	4.6	12
4	Sensitivity-based characterization of the bias errors in frequency based substructuring. <i>Mechanical Systems and Signal Processing</i> , 2022, 170, 108800.	8.0	2
5	Characterization of sensor location variations in admittance-based TPA methods. <i>Journal of Sound and Vibration</i> , 2022, 528, 116888.	3.9	2
6	System equivalent model mixing: A modal domain formulation. <i>Mechanical Systems and Signal Processing</i> , 2022, 177, 109239.	8.0	4
7	Full-field FRF estimation from noisy high-speed-camera data using a dynamic substructuring approach. <i>Mechanical Systems and Signal Processing</i> , 2021, 150, 107263.	8.0	24
8	Performance of the Expanded Virtual Point Transformation on a Complex Test Structure. <i>Experimental Techniques</i> , 2021, 45, 83-93.	1.5	1
9	Near-to-node modal identification using multiple related response models. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 171, 108793.	5.0	1
10	Experimental framework for identifying inconsistent measurements in frequency-based substructuring. <i>Mechanical Systems and Signal Processing</i> , 2021, 154, 107562.	8.0	7
11	On the estimation of structural admittances from acoustic measurement using a dynamic substructuring approach. <i>Applied Acoustics</i> , 2021, 180, 108115.	3.3	4
12	Including directly measured rotations in the virtual point transformation. <i>Mechanical Systems and Signal Processing</i> , 2020, 141, 106440.	8.0	12
13	Introduction of line contact in frequency-based substructuring process using measured rotational degrees of freedom. <i>Journal of Physics: Conference Series</i> , 2019, 1264, 012025.	0.4	1
14	Full-degrees-of-freedom frequency based substructuring. <i>Mechanical Systems and Signal Processing</i> , 2018, 98, 570-579.	8.0	43
15	On multibody-system equilibrium-point selection during joint-parameter identification: A numerical and experimental analysis. <i>Mechanism and Machine Theory</i> , 2018, 128, 287-297.	4.5	0
16	A smooth contact-state transition in a dynamic model of rolling-element bearings. <i>Journal of Sound and Vibration</i> , 2018, 430, 196-213.	3.9	5
17	On the performance of direct piezoelectric rotational accelerometers in experimental structural dynamics. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 127, 292-298.	5.0	15
18	Coupled thermo-structural analysis of a bimetallic strip using the absolute nodal coordinate formulation. <i>Multibody System Dynamics</i> , 2017, 41, 391-402.	2.7	19

#	ARTICLE	IF	CITATIONS
19	The influence of washing machine-leg hardness on its dynamics response within component-mode synthesis techniques. International Journal of Mechanical Sciences, 2017, 127, 23-30.	6.7	9
20	A mixed-contact formulation for a dynamics simulation of flexible systems: An integration with model-reduction techniques. Journal of Sound and Vibration, 2017, 393, 145-156.	3.9	4
21	An Integration of Mixed Contact Formulation with Model-Reduction Techniques. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 49-52.	0.5	0
22	Structural acoustic model of a rectangular plate cavity system with an attached distributed mass and internal sound source: Theory and experiment. Journal of Sound and Vibration, 2014, 333, 2003-2018.	3.9	14
23	A Generalized Magnetostrictive-Forces Approach to the Computation of the Magnetostriction-Induced Vibration of Laminated Steel Structures. IEEE Transactions on Magnetics, 2013, 49, 5446-5453.	2.1	20
24	Introduction of the linear contact model in the dynamic model of laminated structure dynamics: An experimental and numerical identification. Mechanism and Machine Theory, 2013, 64, 144-154.	4.5	13
25	Validation of a Flexible Multibody Belt-Drive Model. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 7-8, 539-546.	1.1	16
26	Experimental identification of the contact parameters between a V-ribbed belt and a pulley. Mechanism and Machine Theory, 2010, 45, 1424-1433.	4.5	37
27	Dynamics of a belt-drive system using a linear complementarity problem for the belt pulley contact description. Journal of Sound and Vibration, 2009, 319, 1019-1035.	3.9	73
28	Introduction of damping into the flexible multibody belt-drive model: A numerical and experimental investigation. Journal of Sound and Vibration, 2009, 324, 283-296.	3.9	47
29	BCD-06 DYNAMICS OF A BELT-DRIVE SYSTEM USING A LINEAR COMPLEMENTARITY PROBLEM FOR THE BELT-PULLEY CONTACT DESCRIPTION(BELT AND CHAIN DRIVES). The Proceedings of the JSME International Conference on Motion and Power Transmissions, 2009, 2009, 630-635.	0.0	1
30	BCD-05 INTRODUCTION OF A DAMPING MECHANISM IN THE FLEXIBLE MULTIBODY BELT-DRIVE MODEL : A NUMERICAL AND EXPERIMENTAL INVESTIGATION(BELT AND CHAIN DRIVES). The Proceedings of the JSME International Conference on Motion and Power Transmissions, 2009, 2009, 624-629.	0.0	0
31	Computing the dynamic response of an axially moving continuum. Journal of Sound and Vibration, 2007, 300, 316-329.	3.9	28
32	An Advanced Numerical Model for Dynamic Simulations of Automotive Belt-Drives. , 0, , .		2