

Luis Gerardo Trujillo-Franco

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectory tracking of a single flexible-link robot using a modal cascaded-type control. Applied Mathematical Modelling, 2022, 104, 531-547.	4.2	3
2	Oscillation Attenuation in a Building-like Structure by Using a Flexible Vibration Absorber. Mathematics, 2022, 10, 289.	2.2	5
3	Online Frequency Estimation on a Building-like Structure Using a Nonlinear Flexible Dynamic Vibration Absorber. Mathematics, 2022, 10, 708.	2.2	7
4	Online Estimation Techniques for Natural and Excitation Frequencies on MDOF Vibrating Mechanical Systems. Actuators, 2021, 10, 41.	2.3	3
5	Single Output and Algebraic Modal Parameters Identification of a Wind Turbine Blade: Experimental Results. Applied Sciences (Switzerland), 2021, 11, 3016.	2.5	2
6	Algebraic Parameter Identification of Nonlinear Vibrating Systems and Non Linearity Quantification Using the Hilbert Transformation. Mathematical Problems in Engineering, 2021, 2021, 1-16.	1.1	1
7	Evaluation of the Human-Structure-Soil Interaction on a Two-Wheel Tractor Using Modal Analysis Techniques. Conference Proceedings of the Society for Experimental Mechanics, 2020, , 341-348.	0.5	0
8	On-Line Modal Parameter Identification Applied to Linear and Nonlinear Vibration Absorbers. Actuators, 2020, 9, 119.	2.3	9
9	On-line parametric estimation of damped multiple frequency oscillations. Electric Power Systems Research, 2018, 154, 423-432.	3.6	22
10	A Sequential Algebraic Parametric Identification Approach for Nonlinear Vibrating Mechanical Systems. Asian Journal of Control, 2017, 19, 1564-1574.	3.0	9
11	Online Systems Parameters Identification for Structural Monitoring Using Algebraic Techniques. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 251-258.	0.5	0
12	Parameter Estimation on Nonlinear Systems Using Orthogonal and Algebraic Techniques. Conference Proceedings of the Society for Experimental Mechanics, 2016, , 347-354.	0.5	2
13	Trajectory tracking and vibration control in a space frame flexible structure with a PZT stack actuator. , 2015, , .		1
14	Adaptive-Like Vibration Control in a Three-Story Building-Like Structure with a PZT Stack Actuator. Conference Proceedings of the Society for Experimental Mechanics, 2015, , 123-131.	0.5	3
15	Evaluation of On-Line Algebraic Modal Parameter Identification Methods. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 145-152.	0.5	7