

Iacopo Tamellin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

146
citations

1163117

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1199594

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15
docs citations

15
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond the Tuned Mass Damper: a Comparative Study of Passive Approaches to Vibration Absorption Through Antiresonance Assignment. Archives of Computational Methods in Engineering, 2022, 29, 519-544.	10.2	15
2	Unit-rank output feedback control for antiresonance assignment in lightweight systems. Mechanical Systems and Signal Processing, 2022, 164, 108250.	8.0	8
3	Residual vibration suppression in uncertain systems: A robust structural modification approach to trajectory planning. Robotics and Computer-Integrated Manufacturing, 2022, 74, 102282.	9.9	9
4	Improving the robustness in motion planning of flexible systems through structural modification: a case study. , 2022, , .		0
5	Pole-zero assignment by the receptance method: multi-input active vibration control. Mechanical Systems and Signal Processing, 2022, 172, 108976.	8.0	7
6	Eigenstructure assignment and compensation of explicit co-simulation problems. Mechanism and Machine Theory, 2022, 176, 105004.	4.5	0
7	Response optimization of underactuated vibration generators through dynamic structural modification and shaping of the excitation forces. International Journal of Advanced Manufacturing Technology, 2021, 112, 505-524.	3.0	11
8	Active control of linear vibrating systems for antiresonance assignment with regional pole placement. Journal of Sound and Vibration, 2021, 494, 115858.	3.9	17
9	Active Approaches to Vibration Absorption through Antiresonance Assignment: A Comparative Study. Applied Sciences (Switzerland), 2021, 11, 1091.	2.5	11
10	Robust Assignment of Natural Frequencies and Antiresonances in Vibrating Systems through Dynamic Structural Modification. Shock and Vibration, 2021, 2021, 1-20.	0.6	5
11	A homotopy transformation method for interval-based model updating of uncertain vibrating systems. Mechanism and Machine Theory, 2021, 160, 104288.	4.5	13
12	Vibration Control of a Two-Link Flexible Robot Arm with Time Delay through the Robust Receptance Method. Applied Sciences (Switzerland), 2021, 11, 9907.	2.5	7
13	Pole Assignment for Active Vibration Control of Linear Vibrating Systems through Linear Matrix Inequalities. Applied Sciences (Switzerland), 2020, 10, 5494.	2.5	11
14	Simultaneous assignment of resonances and antiresonances in vibrating systems through inverse dynamic structural modification. Journal of Sound and Vibration, 2020, 485, 115552.	3.9	23
15	Antiresonance Assignment in Point and Cross Receptances for Undamped Vibrating Systems. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	9