

Robbert Voorhoeve

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

110
citations

1684188

5
h-index

1872680

6
g-index

12
all docs

12
docs citations

12
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Position-Dependent Mechanical Systems: A Modal Approach Applied to a Flexible Wafer Stage. IEEE Transactions on Control Systems Technology, 2021, 29, 194-206.	5.2	18
2	Data-dependent orthogonal polynomials on generalized circles: A unified approach applied to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e645" altimg="si656.svg"} \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -domain identification. Automatica, 2021, 131, 109709.	5.0	0
3	On Frequency Response Function Identification for Advanced Motion Control. , 2020, , .		3
4	Experimental estimation of transmissibility matrices for industrial multi-axis vibration isolation systems. Mechanical Systems and Signal Processing, 2018, 107, 469-483.	8.0	17
5	Non-parametric identification of multivariable systems: A local rational modeling approach with application to a vibration isolation benchmark. Mechanical Systems and Signal Processing, 2018, 105, 129-152.	8.0	29
6	Numerically Reliable Identification of Fast Sampled Systems: A Novel $\hat{\Gamma}$ -Domain Data-Dependent Orthonormal Polynomial Approach. , 2018, , .		1
7	Evaluating performance of multivariable vibration isolators: A frequency domain identification approach applied to an industrial AVIS. , 2017, , .		1
8	Global Feedforward Control of Spatio-Temporal Mechanical Systems: With Application to a Prototype Wafer Stage. IFAC-PapersOnLine, 2017, 50, 14575-14580.	0.9	5
9	Estimating structural deformations for inferential control: a disturbance observer approach. IFAC-PapersOnLine, 2016, 49, 642-648.	0.9	10
10	Frequency response function identification of LPV systems: A 2D-LRM approach with application to a medical X-ray system. , 2016, , .		3
11	Identification for motion control: Incorporating constraints and numerical considerations. , 2016, , .		5
12	Identification of High-Tech Motion Systems: An Active Vibration Isolation Benchmark. IFAC-PapersOnLine, 2015, 48, 1250-1255.	0.9	18