

Branislav Ftorek

List of Publications by Year in descending order

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16
papers

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2682572

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docs citations

16
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Near-Optimal Control Strategies for Industrial and Traction Drives with a.c. Motors. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-22.	1.1	9
2	Engineering Design of a Test Device. <i>Procedia Engineering</i> , 2017, 177, 520-525.	1.2	8
3	Mathematical model of a closed hot air engine cycle using MATLAB®Simulink®. , 2014, , .		4
4	Analysis of the heat transfer from horizontal pipes at natural convection. , 2014, , .		4
5	Two approaches comparison to energy optimal position control with constant and linear torques. , 2015, , .		3
6	Markov type polynomial inequality for some generalized Hermite weight. <i>Tatra Mountains Mathematical Publications</i> , 2011, 49, 111-118.	0.2	2
7	Energy Optimal Control of PMSM Drive for Time-Varying Load Torque. <i>Applied Mechanics and Materials</i> , 0, 710, 67-75.	0.2	2
8	Asymptotic character of non-oscillatory solutions to functional differential system. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2015, , 1-13.	0.5	2
9	Parametric oscillations of the mechanical systems. <i>MATEC Web of Conferences</i> , 2018, 157, 08002.	0.2	1
10	Energy consumption optimization for AC drives position control. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2021, 40, 309-324.	0.9	1
11	Two-dimensional analogy of the Koros inequality. <i>Journal of Mathematical Inequalities</i> , 2015, , 773-780.	0.9	1
12	Koros Type Inequalities for Orthogonal Polynomials in two Variables. <i>Tatra Mountains Mathematical Publications</i> , 2014, 58, 1-12.	0.2	1
13	Case study of energy near-optimal control strategies for traction drives with AC motors. , 2016, , .		0
14	Case study of energy optimal and energy near-optimal control algorithms for the drives with constant, linear and quadratic frictions. , 2016, , .		0
15	Euler-Lagrange optimization of electric drives with DTM method. <i>MATEC Web of Conferences</i> , 2018, 157, 08006.	0.2	0
16	Comparison of Energy Near-Optimal Control Laws for the Drives with Constant and Linear Frictions. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 133-145.	0.6	0