

Darina Hroncová

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	COMPUTER MODELING IN MSC ADAMS/VIEW AS PART OF A MODERN APPROACH TO THE DESIGN OF MECHANICAL SYSTEMS OF ROBOTS. Technical Sciences and Technologies, 2021, , 23-32.	0.0	0
2	MODELING IN MSC ADAMS/VIEW AS MODERN APPROACH TO MECHANISM DESIGN. Technical Sciences and Technologies, 2021, , 96-104.	0.0	0
3	Motion control of nonholonomic robots at low speed. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090255.	2.1	0
4	RECONFIGURABLE WHEEL-LEGGED ROBOT. MM Science Journal, 2020, 2020, 3960-3965.	0.4	0
5	Locomotive, principally kinematic system of snakelike robot mathematical model with variable segment length. , 2020, , .		1
6	COMPUTER SIMULATION AND ANALYTICAL SOLUTION OF FOUR BAR MECHANISM. Technical Sciences and Technologies, 2020, , 120-128.	0.0	0
7	Contribution to computer simulation of problems from the theory of mechanisms focused on robots. AIP Conference Proceedings, 2019, , .	0.4	1
8	Wheeled mobile robot in structured environment. , 2018, , .		3
9	Simulation of Worm-Like Machine. Strojnický Casopis, 2018, 68, 25-34.	0.9	3
10	Mutual comparison of developed actuators for robotic arms of service robots. International Journal of Advanced Robotic Systems, 2017, 14, 172988141774354.	2.1	2
11	Impact of dynamics of the frame on the performance of the positioning servosystem. International Journal of Advanced Robotic Systems, 2016, 13, 172988141666366.	2.1	0
12	The Usage of Bond Graphs Methodology for Mechanical Systems Designing. Applied Mechanics and Materials, 2015, 816, 349-356.	0.2	1
13	Building Elements of Bond Graphs. Applied Mechanics and Materials, 2015, 816, 339-348.	0.2	1
14	Kinematic Analysis of the Crank Mechanism with Rotating Cylinder Using MSC Adams/View. Applied Mechanics and Materials, 2015, 816, 213-223.	0.2	0
15	Automatic Generation of Equations of Motion of Mechanical Systems. Applied Mechanics and Materials, 2014, 611, 40-45.	0.2	0
16	Trajectories of Projectiles Launched at Different Elevation Angles and Modify Design Variable in MSC Adams/View. Applied Mechanics and Materials, 2014, 611, 198-207.	0.2	3
17	Analysis of Simple Mechanism Using MSC Adams. Manufacturing Technology, 2014, 14, 141-145.	1.4	7
18	State-Space Model of a Mechanical System in MATLAB/Simulink. Procedia Engineering, 2012, 48, 629-635.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Kinematical Analysis of Crank Slider Mechanism Using MSC Adams/View. Procedia Engineering, 2012, 48, 213-222.	1.2	24
20	Inverse and Forward Dynamic Analysis of Two Link Manipulator. Procedia Engineering, 2012, 48, 158-163.	1.2	21
21	Simulation of Electrical System using Bond Graphs and MATLAB/Simulink. Procedia Engineering, 2012, 48, 656-664.	1.2	15
22	Simulation of Mechanical System with Two Degrees of Freedom with Bond Graphs and MATLAB/Simulink. Procedia Engineering, 2012, 48, 223-232.	1.2	5
23	Kinematic Analysis of Mechanisms Using MSC Adams. Applied Mechanics and Materials, 0, 611, 83-89.	0.2	8
24	Kinematic Analysis Planar Mechanism of a Pump Using MSC Adams. Applied Mechanics and Materials, 0, 611, 98-106.	0.2	1
25	Stress Analysis of the Thin-Walled Vessels. Applied Mechanics and Materials, 0, 611, 273-278.	0.2	3
26	Kinematic Analysis of Crank Rocker Mechanism Using MSC Adams/View. Applied Mechanics and Materials, 0, 611, 90-97.	0.2	4
27	Kinematics Analysis of the Crank Mechanism Conveyor Using MSC Adams. Applied Mechanics and Materials, 0, 816, 140-149.	0.2	1
28	Kinematical Analysis of Valve Mechanism Using MSC Adams/View. Applied Mechanics and Materials, 0, 816, 108-117.	0.2	0
29	Analysis of Stresses and Deformations in Container with Flat Bottom. Applied Mechanics and Materials, 0, 816, 255-260.	0.2	0