

Pylypaka Serhii

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3111911/publications.pdf>

Version: 2024-02-01

24
papers

67
citations

1684188

5
h-index

1588992

8
g-index

29
all docs

29
docs citations

29
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	EXTERNAL ROLLING OF A POLYGON ON CLOSED CURVILINEAR PROFILE. Acta Polytechnica, 2020, 60, 313-317.	0.6	18
2	Particle Motion over the Surface of a Cylinder, which Performs Translational Oscillations in a Vertical Plane. Engineering Journal, 2018, 22, 83-92.	1.0	9
3	PARTICLE MOTION ON THE SURFACE OF A CONCAVE SOIL-TILLING DISK. Acta Polytechnica, 2018, 58, 201.	0.6	7
4	The possibility to apply the Frenet trihedron and formulas for the complex movement of a point on a plane with the predefined plane displacement. Eastern-European Journal of Enterprise Technologies, 2021, 3, 45-50.	0.5	7
5	Dynamics of a Particle on a Movable Wavy Surface. Lecture Notes in Mechanical Engineering, 2021, , 196-206.	0.4	3
6	EXTERNAL ROLLING OF A POLYGON ON CLOSED CURVILINEAR PROFILE. Acta Polytechnica, 2021, 61, 270-278.	0.6	2
7	Mathematical Model of Lifting Particles of Technological Material by Vertical Auger. Lecture Notes in Mechanical Engineering, 2022, , 112-122.	0.4	2
8	MOVEMENT OF THE PARTICLE ON THE EXTERNAL ROUGH SURFACE OF THE CONE WHICH ROTATES AROUND THE VERTICAL AXIS. Prikladna Geometrija i inženjerska Grafika, 2022, , 181-194.	0.1	1
9	ELASTIC BENDING OF A STRIP WITH A SIGNIFICANT DEFLECTION UNDER THE ACTION OF APPLIED FORCES AND MOMENT. Prikladna Geometrija i inženjerska Grafika, 2022, , 137-147.	0.1	1
10	THE RESULTS OF THE INVESTIGATION OF THE PARTICLE MOVEMENT ON THE CYLINDER OUTER SURFACE DURING ITS PROGRESSIVE OSCILLATIONS IN HORIZONTAL PLANES. Modern Problems of Modeling, 2021, 20, 76-81.	0.1	0
11	DEPENDENCE OF RESISTANCE OF MOVEMENT OF THE FLEXIBLE STRIP ON THE SURFACE FROM THE CURVATURE OF ITS AXIS. Modern Problems of Modeling, 2021, 21, 66-73.	0.1	0
12	PARTICLE MOTION ON THE SPHERICAL SEGMENT WITH VERTICALS RADIALLY INSTALLED BLADES. Mehanika Ta Matematiĉni Metodi, 2021, 3, 27-36.	0.0	0
13	General approach to finding the kinematic characteristics of the drives of plane mechanisms with the application of frene-serret frame and frenet formulas. Vĉasnik Sumskog Nacionalnog Agrarnog Univerziteta Serbia: Mehanizacija Ta Avtomatizacija Virobnih Procesova, 2019, , 48-56.	0.0	0
14	Rolling of polygon on curvinal profile. Machinery & Energetics, 2019, 10, 147-154.	0.2	0
15	Transportation of particle with horizontal auger, limited coaxial fixed cylinder. Machinery & Energetics, 2019, 10, 15-20.	0.2	0
16	Mathematical model of moving particle by vertical screw in stationary mode. Machinery & Energetics, 2019, 10, 57-62.	0.2	0
17	Rolling of a developable helicoid along its bending. Machinery & Energetics, 2020, 11, 13-20.	0.2	0
18	CONGRUENT AXOIDS OF NON-CIRCULAR CONICAL WHEELS FORMED BY ARCS OF THE LOXODROME. Prikladna Geometrija i inženjerska Grafika, 2020, , 110-123.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Continuous bending of minimal surfaces, formed by means of plane curves of complex curvature. Machinery & Energetics, 2020, 11, 51-59.	0.2	0
20	DEVELOPMENT OF A SCIENTIFIC SCHOOL ON APPLIED GEOMETRY FOUNDED BY PROFESSOR OBUKHOVA VIOLETTA SERGEEVNA. Prikladna Geometrii i inzhenerna Grafika, 2021, , 28-33.	0.1	0
21	Particle Movement on the External Surface of the Cone that Rotates Around the Vertical Axis. Lecture Notes in Mechanical Engineering, 2022, , 557-567.	0.4	0
22	Movement of a Particle on the Inner Surface with a Preset Meridian. Lecture Notes in Mechanical Engineering, 2022, , 535-545.	0.4	0
23	Designing an outer toothed gear whose wheel teeth are outlined by the logarithmic spiral arcs. Eastern-European Journal of Enterprise Technologies, 2021, 6, 6-11.	0.5	0
24	Виробничі процеси при виготовленні деталей з різьбленими поверхнями. Виробничі процеси, 2022, , 30-35.	0.0	0