

Pylypaka Serhii

List of Publications by Year in descending order

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papers

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docs citations

29
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#	ARTICLE	IF	CITATIONS
1	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
2	Movement of a Particle on the Inner Surface with a Preset Meridian. Lecture Notes in Mechanical Engineering, 2022, , 535-545.	0.4	0
3	Mathematical Model of Lifting Particles of Technological Material by Vertical Auger. Lecture Notes in Mechanical Engineering, 2022, , 112-122.	0.4	2
4	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
5	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
6	ИЗМЕНА ДИНАМИКИ ДВИЖЕНИЯ ТИПОВЫХ ПАРТИКЛ НА ПОВЕРХНОСТИ ВРАЩАЮЩЕГОСЯ ВОКРУГ ВЕРТИКАЛЬНОЙ ОСИ КОНА, КОТОРЫЙ ДВИЖЕТСЯ ПО ПОВЕРХНОСТИ ЦИЛИНДРА. Виробничі Процеси, 2022, , 30-35.	0.0	0
7	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
8	EXTERNAL ROLLING OF A POLYGON ON CLOSED CURVILINEAR PROFILE. Acta Polytechnica, 2021, 61, 270-278.	0.6	2
9	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
10	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
11	Dynamics of a Particle on a Movable Wavy Surface. Lecture Notes in Mechanical Engineering, 2021, , 196-206.	0.4	3
12	PARTICLE MOTION ON THE SPHERICAL SEGMENT WITH VERTICALS RADIALLY INSTALLED BLADES. Mehanika Ta Matematiĉni Metodi, 2021, 3, 27-36.	0.0	0
13	DEVELOPMENT OF A SCIENTIFIC SCHOOL ON APPLIED GEOMETRY FOUNDED BY PROFESSOR OBUKHOVA VIOLETTA SERGEEVNA. Prikladna Geometrija i inženjerska Grafika, 2021, , 28-33.	0.1	0
14	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
15	Rolling of a developable helicoid along its bending. Machinery & Energetics, 2020, 11, 13-20.	0.2	0
16	CONGRUENT AXOIDS OF NON-CIRCULAR CONICAL WHEELS FORMED BY ARCS OF THE LOXODROME. Prikladna Geometrija i inženjerska Grafika, 2020, , 110-123.	0.1	0
17	Continuous bending of minimal surfaces, formed by means of plane curves of complex curvature. Machinery & Energetics, 2020, 11, 51-59.	0.2	0
18	EXTERNAL ROLLING OF A POLYGON ON CLOSED CURVILINEAR PROFILE. Acta Polytechnica, 2020, 60, 313-317.	0.6	18

#	ARTICLE	IF	CITATIONS
19	General approach to finding the kinematic characteristics of the drives of plane mechanisms with the application of frene-serret frame and frenet formulas. VĀ-snik SumsĒ ¹ kogo NacĀ-onalĒ ¹ nogo Agrarnogo UnĀ-versitetu SerĀ-Āĉ: MehanĀ-zacĀ-Āĉ Ta AvtomatizacĀ-Āĉ VirobniĀih ProcesĀ-v, 2019, , 48-56.	0.0	0
20	Rolling of poligon on curvinal profile. Machinery & Energetics, 2019, 10, 147-154.	0.2	0
21	Transportation of particle with horizontal auger, limited coaxial fixed cylinder. Machinery & Energetics, 2019, 10, 15-20.	0.2	0
22	Mathematical model of moving particle by vertical screw in stationary mode. Machinery & Energetics, 2019, 10, 57-62.	0.2	0
23	PARTICLE MOTION ON THE SURFACE OF A CONCAVE SOIL-TILLING DISK. Acta Polytechnica, 2018, 58, 201.	0.6	7
24	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