

Application of the improved method of grids with the estimation of accuracy

Gornostajev, Dmitri; Arjassov, Gennadi; Baraškova, Tatjana; Žigailov, Sergei Procedia engineering 2014 / p. 1443-1448 : ill
<https://doi.org/10.1016/j.proeng.2014.03.140> Conference proceedings at Scopus Article at Scopus Article at WOS

Approximation of limit amplitudes of stresses

Arjassov, Gennadi; Žigailov, Sergei 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 332-333 : ill

Calculation of plate plane motion parameters using inertial measurement system

Žigailov, Sergei; Verchenko, Anton; Musalimov, Victor; Arjassov, Gennadi Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 192-198 : ill

Design of orthesys for correction of human gait

Kuznetcov, Artem; Žigailov, Sergei 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 289-291 : ill

Development of the method for calculation of plates to ensure optimization of hull thickness

Gornostajev, Dmitri; Arjassov, Gennadi; Žigailov, Sergei Mechatronic systems and materials VI 2015 / p. 796-801 : ill
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.796> Conference proceedings at Scopus Article at Scopus

Experimental and analytical modelling of pelvic motion = Vaagna liikumise eksperimentaalne ja analüütiline modelleerimine

Žigailov, Sergei 2016 https://www.ester.ee/record=b4601194*est

Human foot motion simulation during walking

Žigailov, Sergei; Arjassov, Gennadi; Penkov, Igor; Musalimov, Victor Machines, technologies, materials 2019 / p. 198-201 : ill
<https://stumejournals.com/journals/mtm/2019/5/198>

Measurement and analysis of human lower limbs movement parameters during walking

Žigailov, Sergei; Kuznetcov, Artem; Musalimov, Victor; Arjassov, Gennadi Mechatronic systems and materials VI 2015 / p. 538-543 : ill
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.538> Conference proceedings at Scopus Article at Scopus

Measurement and analysis of human lower limbs movement parameters during walking

Žigailov, Sergei; Kuznetcov, Artem; Musalimov, Victor; Arjassov, Gennadi The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 268

Modelling and simulation of human lower-limb motion

Žigailov, Sergei; Musalimov, Victor; Arjassov, Gennadi; Penkov, Igor International review on modelling and simulations (IREMOS) 2016 / p. 114-123 : ill
<https://doi.org/10.15866/iremos.v9i2.8358> Journal metrics at Scopus Article at Scopus Article at WOS

Motion imitation of the human pelvic and hip joints

Musalimov, Victor; Arjassov, Gennadi; Žigailov, Sergei; Rõbak, Dmitri; Penkov, Igor Mechatronics systems and materials 2018 2018 / art. 020046, 6 p. : ill
<https://doi.org/10.1063/1.5066508> Conference proceedings at Scopus Article at Scopus Article at WOS

Optimal design of system of cross-beams

Arjassov, Gennadi; Žigailov, Sergei The 8th International Conference Mechatronics Systems and Materials : 8th Conference Mechatronics Systems and Materials 2012, MSM'2012 : Bialystok, Poland, July 8-13, 2012 2012 / p. 120-121
<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=7668d28ae9556d62f17c50d233059caeeb3f2508>

Optimal design of system of cross-beams

Arjassov, Gennadi; Žigailov, Sergei Mechatronic systems and materials IV 2013 / p. 675-680 : ill
<https://doi.org/10.4028/www.scientific.net/SSP.198.675> Article collection metrics at Scopus Article at Scopus Article collection metrics at WOS Article at WOS

Solution of plane inverse kinematics in case of limited height of space

Žigailov, Sergei; Arjassov, Gennadi 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 272-273 : ill

Математическое моделирование движения нижних конечностей человека

Žigailov, Sergei; Musalimov, Victor; Arjassov, Gennadi; Penkov, Igor Известия высших учебных заведений. Приборостроение 2016 / с. 683-689 : ил
<http://dx.doi.org/10.17586/0021-3454-2016-59-8-683-689>