

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](#)

Calculation method for optimization of barge hull

Gornostajev, Dmitri; Arjassov, Gennadi; Penkov, Igor International review of mechanical engineering (IREME) 2016 / p. 115-124 : ill
<https://doi.org/10.15866/ireme.v10i2.8351> [Journal metrics at Scopus](#) [Article at Scopus](#)

Calculation method for plates with discrete variable thickness under uniform loading or hydrostatic pressure

Arjassov, G.; Gornostajev, Dmitri; Penkov, Igor International journal of applied mechanics and engineering 2018 / p. 835–853
<https://doi.org/10.2478/ijame-2018-0046> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of the calculation method for barge hull = Pargase korpuse uus arvutusmeetod

Gornostajev, Dmitri 2014 <https://digi.lib.ttu.ee/i/?1230> https://www.ester.ee/record=b4412789*est

Development of the calculation method of plates for optimization of barge hull thickness

Gornostajev, Dmitri; Arjassov, Gennadi The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 77-78

Development of the improved method of grids

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri; Petritšenko, Andres Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 565-566
https://www.researchgate.net/publication/367889054_Development_of_the_Improved_Method_of_Grids

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](#)

Estimation of complex derivatives and application for fault diagnosis

Baraškova, Tatjana; Arjassov, Gennadi; Gornostajev, Dmitri Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / p. 0469-0472 : ill. [CD-ROM]
https://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2012/109.pdf

Estimation of the improved method of grids and application for dynamic solution

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri DAAAM International scientific book 2013 2013 / p. 571-586 : ill
https://www.daaam.info/Downloads/Pdfs/science_books_pdfs/2013/Sc_Book_2013-031.pdf

Generalization of the method of finite differences

Arjassov, Gennadi; Baraškova, Tatjana; Gornostajev, Dmitri; Petritšenko, Andres Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd October 2010, Zadar, Croatia 2010 / p. 547-548 : ill
https://www.researchgate.net/publication/288134159_Generalization_of_the_method_of_finite_differences

Improvement of the barge hull by optimization of its rigidity parameters

Gornostajev, Dmitri; Arjassov, Gennadi; Penkov, Igor Trans & motauto world 2016 / p. 36-39 : ill <http://stumejournals.com/tm/2016/1-2016.pdf>

The calculation of round plates under the action of local loading by generalized functions

Arjassov, Gennadi; Gornostajev, Dmitri 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. 296-299 : ill