

Application of HOHWM for vibration analysis of nanobeams

Kirs, Maarjus; Eerne, Martin; Bassir, David; **Tungel, Ernst** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 230-235 <https://www.scientific.net/KEM.799.230> https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799.230> Conference proceeding at Scopus Article at Scopus

Comparing two wavelet approaches for solving fractional differential equations

Majak, Jüri; Kivistik, Lenart; Eerne, Martin; Tungel, Ernst International Conference of Numerical Analysis and Applied Mathematics : ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230004 <https://doi.org/10.1063/5.0210415> Conference proceedings at Scopus Article at Scopus Article at WOS

Design optimization of graphene laminates for maximum fundamental frequency

Majak, Jüri; Kirs, Maarjus; Eerne, Martin; Tungel, Ernst; Lepikult, Toomas Proceedings of the Estonian Academy of Sciences 2017 / p. 354-362 : ill <https://doi.org/10.3176/proc.2017.4.08> https://artiklid.elnet.ee/record=b2830810*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Determination of clay-sand plaster hygrothermal performance : influence of different types of clays on sorption and water vapour permeability

Altnäe, Erik; Ruus, Aime; Raamets, Jane; Tungel, Ernst Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 945-955 https://doi.org/10.1007/978-3-030-00662-4_80

Determination of hygrothermal performance of clay-sand plaster : influence of covering on sorption and water vapour permeability

Vares, Olgerd; Ruus, Aime; Raamets, Jane; Tungel, Ernst Energy procedia 2017 / p. 267-272 : ill <https://doi.org/10.1016/j.egypro.2017.09.719> Conference proceedings at Scopus Article at Scopus Article at WOS

Evaluation of Haar wavelet method in engineering applications

Kirs, Maarjus; Tungel, Ernst International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13–18 September 2018 2019 / art. 330003 <https://doi.org/10.1063/1.5114341> Conference proceeding at Scopus Article at Scopus Article at WOS

Free vibration analysis of a functionally graded material beam : evaluation of the Haar wavelet method

Kirs, Maarjus; Karjust, Kristo; Aziz, Imran; Õunapuu, Erko; Tungel, Ernst Proceedings of the Estonian Academy of Sciences 2018 / p. 1-9 : ill <https://doi.org/10.3176/proc.2017.4.01> http://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of Silane on water absorption properties of lime-based thermal insulation and renovation mortars

Ruus, Aime; Oja, Kai-Liis; Mihkelsoo, Karin; Mihkelsoo, Madis; Tungel, Ernst; Kiviste, Mihkel Multiphysics and Multiscale Building Physics : Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 1: Moisture and Materials 2025 / p. 467-473 https://doi.org/10.1007/978-981-97-8305-2_66

Nanoscale vibration analysis of orthotropic graphene sheets

Majak, Jüri; Eerne, Martin; Lepikult, Toomas; Tungel, Ernst ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts 2013

Optimization of enterprise analysis model for KPI selection

Kaganski, Sergei; Eerne, Martin; Tungel, Ernst Proceedings of the Estonian Academy of Sciences 2019 / p. 371–375 : ill http://www.kirj.ee/32654/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.04> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimization of stepped rigid-plastic spherical shells

Lellep, Jaan; Tungel, Ernst Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 138-141: ill

Production monitoring system design and implementation

Eiskop, Tanel; Snatkin, Aleksei; Karjust, Kristo; Tungel, Ernst Proceedings of the Estonian Academy of Sciences 2018 / p. 10-16 : ill <https://doi.org/10.3176/proc.2017.4.02> http://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solution of fractional order differential equation by the Haar wavelet method. Numerical convergence analysis for most commonly used approach

Majak, Jüri; Shvartsman, Boris; Pohlak, Meelis; Karjust, Kristo; Eerne, Martin; Tungel, Ernst International Conference of Numerical Analysis and Applied Mathematics 2015 (ICNAAM 2015) : 22-28 September 2015, Rhodes, Greece 2016 / p. 480110-1 - 480110-4 <https://doi.org/10.1063/1.4952346> Conference Proceedings at Scopus Article at Scopus Article at WOS

Water vapour transmission properties of linseed oil paint

Šemjakin, R.; Ruus, Aime; Kirtsi, Karin; Tungal, Ernst Agronomy research 2016 / p. 1107-1115 : ill http://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14_S1_Semjakin.pdf#abstract-4412 http://www.eester.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)