

Application of Haar wavelet based methods for solving wave propagation problems

Ratas, Mart; Jena, S.K.; Chakraverty, S. AIP conference proceedings 2020 <https://doi.org/10.1063/5.0026696> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Application of the Adaptive Higher Order Haar Wavelet based methods for solving the sine-Gordon equation

Ratas, Mart AIP conference proceedings 2022 / art. 380006 <https://doi.org/10.1063/5.0081491> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessing the frost resistance of illite-based ceramics through the resonant frequency of free vibration and internal damping

Hulan, Tomaš; Knapek, Michal; Minarik, Peter; Csaki, Štefan; **Kaljuvee, Tiit; Uibu, Mai** AIP conference proceedings 2017 / art. 040015, p. 1-7 <https://doi.org/10.1063/1.4994495> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Building ceramics with an addition of pulverized combustion fly ash from the thermal power plant Nováky

Hulan, Tomaš; Medved, Igor; Trník, Anton; Štubna, Igor; **Kaljuvee, Tiit** AIP conference proceedings 2016 / p. 040009-1 - 040009-7 : ill <https://doi.org/10.1063/1.4955240> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Conceptual design and performance evaluation of COVID-19 vessel for public health service in Indonesia's remote island

Tuswan, Tuswan; Misbahudin, Saefulloh; Widiyanto, Adi; Satriananta, Mahendra Guna; Dwinata, Rayhan Satria; Ismail, Abdi; Hakim, Muhammad Luqman; Rindo, Good; Prabowo, Aditya Rio; **Putranto, Teguh** AIP Conference Proceedings 2023 / art. 030033 <https://doi.org/10.1063/5.0115436> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Copper(II) ions and the Alzheimer's amyloid- β peptide : affinity and stoichiometry of binding

Tõugu, Vello; Friedemann, Merlin; Tiiman, Ann; **Palumaa, Peep** AIP conference proceedings 2014 / p. 109-111

Development of process optimization model for autonomous mobile robot used in production logistics

Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar; Raamets, Tõnis AIP conference proceedings 2024 / art. 020008 <https://doi.org/10.1063/5.0189299> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Effect of aggregation methods in fuzzy technique for prioritization of criteria of automated vehicle system

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo AIP conference proceedings 2024 / art. 020011 <https://doi.org/10.1063/5.0189323> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of thermal shock treatment parameters on the efficiency of WC-Co cermet recycling

Kariminejad, Arash; Antonov, Maksim; Kumar, Rahul, 1993-; **Goljandin, Dmitri; Klimczyk, Piotr; Viljus, Mart** AIP conference proceedings 2024 / art. 040013 <https://doi.org/10.1063/5.0189330> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Empennage sizing using tail volume

Karunanidhi, Ramachandran; Scholz, Dieter; **Majak, Jüri; Eerme, Martin** AIP conference proceedings 2022 / art. 380007 <https://doi.org/10.1063/5.0082095> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Energy transfer in ratchets driven by additive trichotomous noise

Sauga, Ako; Martila, Dmitri; Mankin, Romi AIP conference proceedings 2011 / p. 139-146

Free vibration analysis of Timoshenko beam by higher-order Haar wavelet method

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo AIP conference proceedings 2023 / art. 250007 <https://doi.org/10.1063/5.0162269> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Function approximation using Haar wavelets

Majak, Jüri; Eerme, Martin; Haavajõe, Anti AIP conference proceedings 2020 / art. 230004 <https://doi.org/10.1063/5.0026543> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Higher order Haar wavelet method for vibration analysis of functionally graded beam

Mikola, Madis; Majak, Jüri; Pohlak, Meelis; Shvartsman, Boris AIP Conference Proceedings 2022 / art. 380003 <https://doi.org/10.1063/5.0081476> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Inclusion of additional coordination sphere into cluster-model redox potential calculations

Uudsemaa, Merle; Tamm, Toomas AIP conference proceedings 2007 / 2, p. 495-499 <https://ui.adsabs.harvard.edu/abs/2007AIPC..963..495U/abstract>

Influence of CLT wetting during the construction phase on the crack formation and air leakages in the CLT

Kalbe, Kristo; Kukk, Villu; Kalamees, Targo AIP conference proceedings 2023 / p. 020028-1-020028-8 <https://doi.org/10.1063/5.0171342> [Conference proceedings at Scopus](#) [Article at Scopus](#)

LiDAR-camera fusion based object segmentation in adverse weather conditions for autonomous driving

Gu, Junyi; Lind, Artjom; **Bellone, Mauro** AIP Conference Proceedings 2023

Modelling residual stresses in glass structures

Õunapuu, Erko; Anton, Johan; **Klauson, Aleksander** AIP conference proceedings 2019 / art. 330007
<https://doi.org/10.1063/1.5114345> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Non-isothermal cup test for liquid and vapour conductivity curve calibration

Klõšeiko, Paul; Margus, Karl; **Kalamees, Targo** AIP conference proceedings 2023 / art. 020030 <https://doi.org/10.1063/5.0171189>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Numerical analysis of dynamics of flight of the fragments

Kivistik, Lenart; **Eerne, Martin**; **Majak, Jüri**; **Kirs, Maarjus** AIP conference proceedings 2024 / art. 030016
<https://doi.org/10.1063/5.0189331> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Preface : Computational Mechanics

Majak, Jüri; Sciua, M. D. AIP conference proceedings 2020 / art. 230001 <https://doi.org/10.1063/5.0026521> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Preface of the “Symposium on Numerical Analysis and Optimal Design of Materials and Structures”

Majak, Jüri; Bassir, David AIP Conference Proceedings 2022 / art. 380001 <https://doi.org/10.1063/5.0081481> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Solving ordinary differential equations with higher order Haar wavelet method

Majak, Jüri; **Pohlak, Meelis**; **Eerne, Martin**; Shvartsman, Boris AIP conference proceedings 2019 / art. 330002
<https://doi.org/10.1063/1.5114340> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Studies of doped LaMnO₃ samples prepared by citrate combustion process

Chandra Dimri, Mukesh; Khanduri, Himani; **Mere, Arvo**; Stern, Raivo AIP conference proceedings 2018 / art. 130015, 4 p. : ill
<https://doi.org/10.1063/1.5029085> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Tailoring of magnetic properties of MnAl thin films by protons irradiation

Khanduri, Himani; Khan, S.A.; Srivastava, S.K.; **Link, Joosep**; Stern, Raivo; Avasthi, D.K. AIP conference proceedings 2018
<https://doi.org/10.1063/1.5029080>

Tin dioxide thin films deposited by sol - gel technique

Ganchev, Maxim; **Katerski, Atanas**; Stankova, Stanka; Eensalu, Jako Siim; Terziyska, Penka AIP conference proceedings 2019 / art. 140001, 8 p <https://doi.org/10.1063/1.5091316> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Wave propagation in axially graded carbon nanotubes

Arda, Mustafa; **Karjust, Kristo**; **Mehrpavar, Marmar** AIP conference proceedings 2023 / art. 250006
<https://doi.org/10.1063/5.0162668> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

What happens when a hot star shines on a cool one?

Exter, Katrina; Barman, Travis; Pollaco, Don; **Pustõnski, Vladislav-Veniamin**; Bell, Steve; Pustõlnik, Izold AIP conference proceedings 2005 / 1, p. 561-564 <https://ui.adsabs.harvard.edu/abs/2005AIPC..797..561E/abstract>