Application of higher order Haar wavelet method for solving nonlinear evolution equations
Ratas, Mart; **Salupere, Andrus** Mathematical modelling and analysis 2020 / p. 271-288 https://doi.org/10.3846/mma.2020.11112 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of HOHWM for vibration analysis of nanobeams
Kirs, Maarjus; **Eerme, 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

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

Application of the Haar wavelet based discretization technique to problems of orthotropic plates and shells
Majak, Jüri; **Pohlak, Meelis**; **Eerme, Martin** Mechanics of composite materials 2009 / 6, p. 631-642

Application of wavelet based discretization method to elasticity and plasticity problems
Majak, Jüri; **Pohlak, Meelis**; **Eerme, Martin** 6th European Solid Mechanics Conference 2006 / ? p

Applications of multi-resolution analysis for bioimpedance signal processing
Birjukov, Andrei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 115-118 : ill

Classification of signal segments using higher order statistics-based models, wavelet transform and self-organizing mases
Lossmann, Eerik; **Meister, Ants** 2nd Lithuanian Conference "Biomed. Engineering", 10-17. Oct. 1997 1997 / p. 25

Design of performance characteristics on laser treated denim fabric
Mandre, Nele; **Plamus, Tiia**; **Linder, Angelika**; **Varjas, Toivo**; **Majak, Jüri**; **Krumme, Andres** The materials science = Medžiagotyra 2023 / 10 p. : ill https://doi.org/10.5755/j02.ms.33259

Desing of wavelet filter bank for JPEG 2000 standard
Hahanova, I.; Hahanov, V.; **Fomina, Jelena**; Bykova, V.; Sorudeykin, K. Proceedings of IEEE East-West DesignAMPTest International Workshop (EWDTW'06) : Sochi, Russia 2006 / p. 327-331 https://openarchive.nure.ua/items/5eb7b697-f891-42e3-9af1-142e0491e388

Evaluation of Haar wavelet method for analysis of functionally graded and nanostructures = Haari lainikute meetodi hindamine funktsionaalgradient- ja nanostruktuuride analüüsiks
Kirs, Maarjus 2018 https://digi.lib.ttu.ee/i/?10625

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/10.1063/12.0019668

Free vibration analysis of uniform and tapered timoshenko beam by higher-order haar wavelet method
Mehrparvar, Marmar; **Majak, Jüri**; **Karjust, Kristo** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 38 l. Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference 2022

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

Higher-order Haar wavelet method for vibration analysis of nanobeams
Majak, Jüri; Shvartsman, Boris; **Ratas, Mart**; Bassir, David; **Pohlak, Meelis**; **Karjust, Kristo**; **Eerme, Martin** Materials today communications 2020 / art. 101290, 6 p. : tab https://doi.org/10.1016/j.mtcomm.2020.101290 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Longitudinal wave propagation in axially graded Raylegh–Bishop nanorods
Arda, Mustafa; **Majak, Jüri**; **Mehrparvar, Marmar** Mechanics of composite materials 2024 / p. 1109-1128 https://doi.org/10.1007/s11029-023-10160-4

Mees kes lahendab lainikutega keerulisi võrrandeid
Strandberg, Marek; Kolk, Mariliis Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 : fot https://dea.digar.ee/article/ak/2021/07/10/2.1

On the accuracy of the Haar wavelet discretization method

Majak, Jüri; Shvartsman, Boris; **Karjust, Kristo**; **Mikola, Madis**; **Haavajõe, Anti**; **Pohlak, Meelis** Composites Part B : Engineering 2015 / p. 321-327 : tab http://dx.doi.org/10.1016/j.compositesb.2015.06.008

Requirements to data acquisition and signal analysis for electrical grid condition monitoring
Anijärv, Toomas Erik; **Shabbir, Noman**; **Kütt, Lauri**; **Iqbal, Muhammad Naveed** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 https://doi.org/10.1109/RTUCON51174.2020.9316487

Solving nonlinear boundary value problems using the higher order Haar wavelet Method
Ratas, Mart; **Majak, Jüri**; **Salupere, Andrus** Mathematics 2021 / art. 2809 https://doi.org/10.3390/math9212809 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solving nonlinear PDEs using the higher order Haar wavelet method on nonuniform and adaptive grids
Ratas, Mart; **Salupere, Andrus**; **Majak, Jüri** Mathematical modelling and analysis 2021 / p. 147–169
https://doi.org/10.3846/mma.2021.12920 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solving ordinary differential equations with higher order Haar wavelet method
Majak, Jüri; **Pohlak, Meelis**; **Eerme, Martin**; Shvartsman, Boris AIP conference proceedings 2019 / art. 330002
https://doi.org/10.1063/1.5114340

Spectrum analysis additional vibrations of Cartesian robot by different control modes
Autsou, Siarhei; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kudelina, Karolina** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. https://doi.org/10.1109/BEC56180.2022.9935595

Static response and buckling loads of multilayered composite beams using the refined Zigzag theory and Higher-Order Haar Wavelet method
Sorrenti, M.; Di Sciuva, M.; **Majak, Jüri**; Auriemma, Fabio Mechanics of composite materials 2021 / 18 p
https://doi.org/10.1007/s11029-021-09929-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at Scopus

The low voltage start-up test of induction motor for the detection of broken bars
Asad, Bilal; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; **Heidari, Hamidreza** 2020 International Conference on Electrical Machines (ICEM), 23-26 august 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 1481-1487
https://doi.org/10.1109/ICEM49940.2020.9271018

Transient modeling and recovery of non-stationary fault signature for condition monitoring of induction motors
Asad, Bilal; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; Ghahfarokhi, Payam Shams; **Kudelina, Karolina** Applied sciences 2021 / 17 p. : ill https://doi.org/10.3390/app11062806 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Transient modeling and recovery of non-stationary fault signature for condition monitoring of induction motors
Asad, Bilal; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; **Ghahfarokhi, Payam Shams** Advances in machine fault diagnosis 2022 / p. 43-59 https://doi.org/10.3390/app11062806

Wavelet based discretization technique for analysis and design of composite structures
Majak, Jüri; **Kers, Jaan**; **Pohlak, Meelis**; **Eerme, Martin**; Luiga, K. The 18th International Conference on Composite Materials. Composite materials : key to the future 2011 / [6] p

Weak formulation based Haar wavelet method for solving differential equations
Majak, Jüri; **Pohlak, Meelis**; **Eerme, Martin**; Lepikult, Toomas Applied mathematics and computation 2009 / p. 488-494