

Absolute convergence with speed and matrix transforms

Aasma, Ants; Natarajan, Pinnangudi N. TWMS Journal of applied and engineering mathematics 2024 / p. 1109-1120

<https://jaem.isikun.edu.tr/web/index.php/archive/125-vol14no3/1241-absolute-convergence-with-speed-and-matrix-transforms> [Journal metrics at Scopus](#) [Article at Scopus](#)

Analyzing meta-heuristic algorithms for task scheduling in a fog-based IoT application

Rahbari, Dadmehr Algorithms 2022 / art. 397 <https://doi.org/10.3390/a15110397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The borderlines of invisibility and visibility in Calderón's inverse problem

Astala, Kari; Lassas, Matti; **Päivärinta, Lassi** Analysis and PDE 2016 / p. 43 - 98 <https://doi.org/10.2140/apde.2016.9.43> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids

Berezovski, Mihhail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p

<https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of rapidly time-varying boundary conditions on the control of two-dimensional elastic pulses in laminates

Berezovski, Arkadi; **Berezovski, Mihhail** Mathematics and mechanics of complex systems 2023 / p. 335-348

<https://doi.org/10.2140/memocs.2023.11.335> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal scales and dispersive properties of microstructured materials

Peets, Tanel Mathematics and computers in simulation 2016 / p. 220-228 : ill <https://doi.org/10.1016/j.matcom.2014.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matrix transforms of λ -boundedness domains of the Zweier method

Aasma, Ants; **Dutta, Hemen** TWMS Journal of applied and engineering mathematics 2020 / p. 28-37

https://jaem.isikun.edu.tr/web/images/articles/vol.10-Special_Issue/04.pdf <https://jaem.isikun.edu.tr/web/index.php/archive/107-vol10-special-issue/582-matrix-transforms-of-boundedness-domains-of-the-zweier-method> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-loop model reference proportional integral derivative controls: design and performance evaluations

Alagoz, Baris Baykant; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; **Yeroglu, Celaledin** Algorithms 2020 / 26 p. : ill

<https://doi.org/10.3390/a13020038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A NARX model reference adaptive control scheme: Improved disturbance rejection fractional-order PID control of an experimental magnetic levitation system

Alimohammadi, Hossein; **Alagoz, Baris Baykant**; **Tepljakov, Aleksei**; **Vassiljeva, Kristina**; **Petlenkov, Eduard** Algorithms 2020 / p. 1-27 <https://doi.org/10.3390/a13080201> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel imbalanced data classification approach for suicidal ideation detection on social media

Ben Hassine, Mohamed Ali; **Abdellatif, Safa**; **Ben Yahia, Sadok** Computing 2022 / p. 741-765 : ill <https://doi.org/10.1007/s00607-021-00984-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On an electromagnetic problem in a corner and its applications

Blasten, Emilia; **Liu, Hongyu**; **Xiao, Jingni** Analysis & PDE 2021 / p. 2207-2224 <https://doi.org/10.2140/apde.2021.14.2207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On approximation properties of generalized Kantorovich-type sampling operators

Orlova, Olga; **Tamberg, Gert** Journal of approximation theory 2016 / p. 73-86 : ill <https://doi.org/10.1016/j.jat.2015.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On hidden solitons in KdV related systems

Salupere, Andrus Mathematics and computers in simulation 2016 / p. 252-262 : ill <https://doi.org/10.1016/j.matcom.2014.04.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pavement defect segmentation in orthoframes with a pipeline of three convolutional neural networks

Lõuk, Roland; **Riid, Andri**; **Pihlak, Rene**; **Tepljakov, Aleksei** Algorithms 2020 / art. 198, 27 p. : ill <https://doi.org/10.3390/a13080198> [Journal metrics at scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements

Huntul, M.J.; **Hussein, M.S.**; **Lesnic, D.**; **Ivancho, M.I.**; **Kinash, Natalia** International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 <https://doi.org/10.1504/IJMMNO.2020.104327> [Journal metrics at Scopus](#) [Article at Scopus](#)

Reflections on mathematical models of deformation waves in elastic microstructured solids

Engelbrecht, Jüri; Berezovski, Arkadi Mathematics and Mechanics of Complex Systems 2015 / p. 43 - 82
<https://doi.org/10.2140/memocs.2015.3.43> [Journal metrics at Scopus](#) [Article at Scopus](#)

A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations
Adámek, V.; **Berezovski, Arkadi**; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140
<https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)