

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; Päiväranta, 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, Mihail; 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, Mihail 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](#)

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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](#)

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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](#)

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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](#)

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Adámek, V.; Berezovski, Arkadi; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140

