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1. Mirra, R., Ribarov, C., Valchev, D., Ribarova, I.  
Towards energy efficient onsite wastewater treatment  
(2020) Civil Engineering Journal (Iran), 6 (7), pp. 1218-1226

- CiteScore 2020: 0.8

- JIF 2020: 0.46

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093824634&doi=10.28991%2fcej-2020-03091542&partnerID=40&md5=d2f8a9931b71b14701edae67a74f07e4>

DOI: 10.28991/cej-2020-03091542

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Breda University of Applied Sciences, Breda, Netherlands;  
University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria

2. Nikolov, A., Nugteren, H., Rostovsky, I.  
Optimization of geopolymers based on natural zeolite clinoptilolite by calcination and use of aluminate activators

(2020) Construction and Building Materials, 243, art. no. 118257

- CiteScore 2020: 8.8

- JIF 2020: 6.141

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078656340&doi=10.1016%2fj.conbuildmat.2020.118257&partnerID=40&md5=bcdf5cb8812fb011d1a0e7f488976480>

DOI: 10.1016/j.conbuildmat.2020.118257

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Delft University of Technology, Department of Chemical Engineering, Section Product and Process Engineering, Delft, Netherlands;  
Department of Building Materials and Insulations, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria

3. Tsanov, E., Ribarova, I., Dimova, G., Ninov, P., Kossida, M., Makropoulos, C.  
Water stress mitigation in the vit river basin based on WEAP and MatLab simulation  
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- JIF 2020: 0.46

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DOI: 10.28991/cej-2020-03091602

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Bulgarian Academy of Sciences, National Institute of Meteorology and Hydrology, Sofia, Bulgaria;  
National Technical University of Athens, Department of Water Resources and Environmental Engineering, Athens, Greece

4. Tachev, G., Gupta, V., Aral, A.

Voronovskaja's theorem for functions with exponential growth  
(2020) Georgian Mathematical Journal, 27 (3), pp. 459-468.

- CiteScore 2020: 1.1

- JIF 2020: 0.532

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DOI: 10.1515/gmj-2018-0041

AFFILIATIONS: Department of Mathematics, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria;

Department of Mathematics, Netaji Subhas Institute of Technology, Sector 3 Dwarka, New Delhi, 110078, India;

Department of Mathematics, Kirikkale University, Kirikkale Yahsihan, 71450, Turkey

5. Rizov, V., Altenbach, H.

Longitudinal fracture analysis of inhomogeneous beams with continuously varying sizes of the cross-section along the beam length

(2020) Frattura ed Integrita Strutturale, 14 (53), pp. 38-50.

- CiteScore 2020: 2.0

- JIF 2020: 0.20

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086500462&doi=10.3221%2fIGF-ESIS.53.04&partnerID=40&md5=1289703721c673fbbc49cc22a1703db9>

DOI: 10.3221/IGF-ESIS.53.04

AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnensky blvd., Sofia, 1046, Bulgaria;

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Universitätsplatz 2, Magdeburg, 39106, Germany

6. Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

Co, Fe and Ni ion doped CeO<sub>2</sub> nanoparticles for application in magnetic hyperthermia  
(2020) Physica E: Low-Dimensional Systems and Nanostructures, 124, art. no. 114364,

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- JIF 2020: 3.382

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088150810&doi=10.1016%2fj.physe.2020.114364&partnerID=40&md5=d8c9ea6cb6a3ef4825f45b7f2a6e5932>

DOI: 10.1016/j.physe.2020.114364

AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria;

University of Forestry, Sofia, 1756, Bulgaria;

University of Sofia, Sofia, 1164, Bulgaria

7. Truc, N.N., Mihova, L., Mukunoki, T., Do, D.M.

Effect of saline intrusion on the properties of cohesive soils in the Red River Delta, Vietnam  
(2020) Marine Georesources and Geotechnology, 38 (1), pp. 23-39.

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DOI: 10.1080/1064119X.2018.1550827

AFFILIATIONS: VNU School of Interdisciplinary Studies, Vietnam National University, Hanoi, Viet Nam;

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#### 8. Rizov, V.

Longitudinal fracture analysis of inhomogeneous beams with continuously changing radius of cross-section along the beam length

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AFFILIATIONS: Department of Technical Mechanics, Civil Engineering and Geodesy, University of Architecture, Sofia, Bulgaria

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DOI: 10.1016/j.prostr.2020.04.013

AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnensky Blvd., Sofia, 1046, Bulgaria

#### 10. Samodivkin, V.

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- CiteScore 2020: 1.1

- JIF 2020: n/a

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DOI: 10.22049/CCO.2019.26347.1099

AFFILIATIONS: Department of Mathematics, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria

11. Antova, G., Tanev, V.

Creation of 3D geometry in scan-to-CAD/BIM environment

(2020) IOP Conference Series: Earth and Environmental Science, 609 (1), art. no. 012085,

- CiteScore 2020: 0.5

- JIF 2020: n/a

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098000069&doi=10.1088%2f1755-1315%2f609%2f1%2f012085&partnerID=40&md5=36d362540f4428595f6139eda989cb1d>

DOI: 10.1088/1755-1315/609/1/012085

AFFILIATIONS: Department of Geodesy and Geoinformatics, University of Architecture Civil Engineering and Geodesy, Sofia, Bulgaria;

Department of Steel, Timber and Structural Polymers, University of Architecture Civil Engineering and Geodesy, Sofia, Bulgaria

12. Angelova, I., Ivanov, I., Venelinov, T.

Origin of Aluminium in the Raw Drinking Water of Sofia City, Bulgaria

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- JIF 2020: 2.520

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089734765&doi=10.1007%2fs11270-020-04819-0&partnerID=40&md5=469b23bfa7b3e57b68e3361b833ec8ba>

DOI: 10.1007/s11270-020-04819-0

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Faculty of Transportation Engineering, Department of Geotechnics, University of Architecture, Civil Engineering and Geodesy, 1 Hr. Smirnenski Blvd, Sofia, 1164, Bulgaria

13. Rizov, V.

Longitudinal fracture analysis of continuously inhomogeneous beam in torsion with stress relaxation

(2020) Procedia Structural Integrity, 28, pp. 1212-1225.

- CiteScore 2020: 1.4

- JIF 2020:

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099837359&doi=10.1016%2fj.prostr.2020.11.103&partnerID=40&md5=6841e2fd8d3211a7d8fda4cc024c30fa>

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AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnensky Blvd., Sofia, 1046, Bulgaria

14. Rizov, V.I.

Inhomogeneous beam of linearly varying height under three-point bending: A longitudinal fracture analysis

(2020) Structural Integrity and Life, 20 (2), pp. 137-142.

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AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy, Department of Technical Mechanics, Sofia, Bulgaria

15. Moteva, M.

Legal conditions and data provision for land property exchange in the processes of land consolidation and land compensation in bulgaria [Warunki prawne i zasady wymiany nieruchomości gruntowych w procesie scalania oraz określania rekompensat za grunty objęte scaleniem w bułgarii]

(2020) Geomatics and Environmental Engineering, 14 (2), pp. 59-71.

- CiteScore 2020: 0.5

- JIF 2020: n/a

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AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria

16. Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

Magnetic field effect on the dielectric properties of rare earth doped multiferroic BiFeO<sub>3</sub>

(2020) Journal of Magnetism and Magnetic Materials, 513, art. no. 167101,

- CiteScore 2020: 5.1

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DOI: 10.1016/j.jmmm.2020.167101

AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria;

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University of Sofia, Sofia, 1164, Bulgaria

17. Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

Dielectric Properties in Transition Metal and Rare-Earth-Doped Multiferroic BaTiO<sub>3</sub> Nanoparticles

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DOI: 10.1002/pssb.202000046

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Investigation of two parallel lengthwise cracks in an inhomogeneous beam of varying thickness

(2020) Coupled Systems Mechanics, 9 (4), pp. 381-396.

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DOI: 10.12989/csm.2020.9.4.381

AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnensky blvd., Sofia, 1046, Bulgaria

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DOI: 10.3390/math8030364

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20. Bianco, L., Cardona, K.

Seventeenth-century building engineering in the central mediterranean: A case study from malta

(2020) Terra Sebus, 12, pp. 329-353.

- CiteScore 2020: 0.3

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AFFILIATIONS: University of Malta, Msida, Malta;

University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria;  
Housing Authority, Floriana, Malta

21. Moteva, M., Marinova, B.

Agricultural land protection by spatial planning in Bulgaria [Planowanie przestrzenne jako narzędzie do ochrony gruntów rolnych – przykład Bułgarii]

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- CiteScore 2020: 0.5

- JIF 2020: n/a

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DOI: 10.7494/geom.2020.14.3.89

AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy, Faculty of Geodesy, Sustainable Land Use and Real Estate Management, Sofia, Bulgaria

22. Stereva, K., Postolovski, A., Gospodinov, S.

Control in the process of the building construction by means of stationary terrestrial laser scanning

(2020) IOP Conference Series: Earth and Environmental Science, 609 (1), art. no. 012042,

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- JIF 2020: n/a

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DOI: 10.1088/1755-1315/609/1/012042

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23. Traykov, A.

Main features and issues in the design of tall buildings in Bulgaria

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DOI: 10.1088/1757-899X/951/1/012022

AFFILIATIONS: Department of Structural Mechanics, University of Architecture Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

24. Georgiev, L.D., Ivanov, S.D.

Conformity assessment of two orthotropic steel deck bridges in Bulgaria according to present requirements

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- JIF 2020: n/a

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DOI: 10.1088/1757-899X/951/1/012013

AFFILIATIONS: Roads and Transport Structural Facilities Department, Faculty of Transportation Engineering, University of Architecture Civil Engineering and Geodesy, Sofia, Bulgaria;

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25. Yotova, G., Venelinov, T., Tsakovski, S.

Chemometric assessment of bulgarian wastewater treatment plants' effluents (2020) *Molecules*, 25 (19), art. no. 4408,

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DOI: 10.3390/molecules25194408

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Faculty of Hydraulic Engineering, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

26. Bianco, L.

Contemporary georgian architectural theory and practice: the legacy of shota bostanashvili (2020) *Architecture, City and Environment*, 15 (43), art. no. 9019, pp. 1-22.

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AFFILIATIONS: Faculty for the Built Environment, University of Malta, Malta; Faculty of Architecture, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria

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Efficient routines for obtaining radiation view-factor for non-uniform horizons (2020) *Energies*, 13 (10), art. no. 2551

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AFFILIATIONS: Department of Mathematics, University of Architecture, Civil Engineering and Geodesy, Sofia, 1164, Bulgaria;  
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Octav Mayer Mathematics Institute, Romanian Academy, Iași, 700505, Romania;  
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Department of Mathematics, Gh. Asachi Technical University, Iași, 700506, Romania

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Department of Geotechnics, Faculty of Transportation Engineering, University of Architecture Civil Engineering and Geodesy, No. 1 Hristo Smirnenski Blvd., Sofia, 1164, Bulgaria

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AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnenski blvd., Sofia, 1046, Bulgaria;  
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AFFILIATIONS: Space Research and Technology Institute, Bulgarian Academy of Sciences, Acad. G. Bonchev Str., bl.1, Sofia, 1113, Bulgaria;  
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AFFILIATIONS: Department of Geodesy and Geoinformatics, University of Architecture Civil Engineering and Geodesy, Sofia, Bulgaria

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AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

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AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

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AFFILIATIONS: University of Structural Engineering and Architecture Lyuben Karavelov (VSU), Sofia, Bulgaria;

University of Architecture, Civil Engineering and Geodesy (UACG), Sofia, Bulgaria

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AFFILIATIONS: Dept. of Building Materials, Faculty of Civil Engineering, University of Architecture, Civil Engineering and Geodesy, 1 Hristo Smirnenski Blvd., Sofia, 1046, Bulgaria

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AFFILIATIONS: Dept. of Applied Geodesy, Faculty of Geodesy, University of Architecture, Civil Engineering and Geodesy, 1 Hristo Smirnenski Blvd., Sofia, 1046, Bulgaria;

Dept. of Building Materials, Faculty of Civil Engineering, University of Architecture, Civil Engineering and Geodesy, 1 Hristo Smirnenski Blvd., Sofia, 1046, Bulgaria

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AFFILIATIONS: Department Construction Technology and Mechanization, Faculty of Structural Engineering, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

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AFFILIATIONS: Department of Technical Mechanics, University of Architecture, Civil Engineering and Geodesy, Sofia, 1046, Bulgaria

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AFFILIATIONS: University of Architecture, Civil Engineering and Geodesy (UACEG), Faculty of Structural Engineering Reinforced Concrete Structures, Sofia, Bulgaria;  
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AFFILIATIONS: Department of Technical Mechanics, Faculty of Hydro-technique, University of Architecture, Civil Engineering and Geodesy, 1 Chr. Smirnesky blvd., Sofia, 1046, Bulgaria

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DOI: 10.1007/s40010-018-0539-x

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AFFILIATIONS: Federal University of Rio de Janeiro, Brazil;  
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Systra, France;  
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