

Documents

Export Date: 11 Mar 2019

Search: AF-ID("University of Architecture Sofia" 60015340) AND (LIM...

1) Rizov, V.

[Delamination of Multilayered Functionally Graded Beams with Material Nonlinearity](#)

(2018) International Journal of Structural Stability and Dynamics, 18 (4), art. no. 1850051, . Cited 6 times.

1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028332361&doi=10.1142%2fS0219455418500517&partnerID=40&md5=>

DOI: 10.1142/S0219455418500517

Document Type: Article

Publication Stage: Final

Source: Scopus

2) Gupta, V., Tachev, G., Acu, A.-M.

[Modified Kantorovich operators with better approximation properties](#)

(2018) Numerical Algorithms, pp. 1-25. Article in Press. Cited 2 times.

2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047111313&doi=10.1007%2fs11075-018-0538-7&partnerID=40&md5=>

DOI: 10.1007/s11075-018-0538-7

Document Type: Article in Press

Publication Stage: Article in Press

Source: Scopus

3) Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

[A comparative study of the magnetization in transition metal ion doped CeO₂, TiO₂ and SnO₂ nanoparticles](#)

(2018) Physica E: Low-Dimensional Systems and Nanostructures, 99, pp. 202-207. Cited 2 times.

3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042095054&doi=10.1016%2fj.physe.2018.02.007&partnerID=40&md5=>

DOI: 10.1016/j.physe.2018.02.007

Document Type: Article

Publication Stage: Final

Source: Scopus

4) Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

[Theoretical study of the phonon properties of pure and ion doped CeO₂ nanoparticles](#)

(2018) Solid State Communications, 279, pp. 17-21. Cited 1 time.

4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047637538&doi=10.1016%2fj.ssc.2018.05.007&partnerID=40&md5=>

DOI: 10.1016/j.ssc.2018.05.007

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) Tachev, G., Gupta, V., Aral, A.

[Voronovskaja's theorem for functions with exponential growth](#)

(2018) Georgian Mathematical Journal, . Article in Press. Cited 1 time.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049233712&doi=10.1515%2fgmj-2018-0041&partnerID=40&md5=e89>

DOI: 10.1515/gmj-2018-0041

Document Type: Article in Press

Publication Stage: Article in Press

Source: Scopus

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

[Theoretical study of room temperature ferromagnetism and band gap energy of pure and ion doped In₂O₃ nanoparticles](#)

(2018) Journal of Magnetism and Magnetic Materials, 456, pp. 263-268. Cited 1 time.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042212379&doi=10.1016%2fj.jmmm.2018.02.045&partnerID=40&md5>

DOI: 10.1016/j.jmmm.2018.02.045

Document Type: Article

Publication Stage: Final

Source: Scopus

- 7) Rizov, V.

[Lengthwise fracture analyses of functionally graded beams by the ramberg-osgood equation](#)

(2018) Engineering Review, 38 (3), pp. 309-320. Cited 1 time.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049113453&doi=10.30765%2fer.38.3.8&partnerID=40&md5=688fdfb>

DOI: 10.30765/er.38.3.8

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 8) Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

[La_{1-x}Sr_xMnO₃ Nanoparticles for Magnetic Hyperthermia](#)

(2018) Physica Status Solidi (B) Basic Research, 255 (6), art. no. 1700587, . Cited 1 time.

- 8)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041180365&doi=10.1002%2fpssb.201700587&partnerID=40&md5=0c>
DOI: 10.1002/pssb.201700587

Document Type: Article
Publication Stage: Final
Source: Scopus

9) Rizov, V.

[Fracture analysis of a three-dimensional functionally graded beam](#)

(2018) International Journal of Structural Integrity, 9 (1), pp. 93-106. Cited 1 time.

9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041132089&doi=10.1108%2fIJSI-12-2016-0037&partnerID=40&md5=f>
DOI: 10.1108/IJSI-12-2016-0037

Document Type: Article
Publication Stage: Final
Source: Scopus

10) Brzhanov, R.T., Pikus, G.A., Traykova, M.

[Methods of increasing the initial strength of winter concrete](#)

(2018) IOP Conference Series: Materials Science and Engineering, 451 (1), art. no. 012083, .

10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061012278&doi=10.1088%2f1757-899X%2f451%2f1%2f012083&partn>
DOI: 10.1088/1757-899X/451/1/012083

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

11) Konstantinov, M., Boneva, J., Pelova, G.

[Extreme behavior of apportionment methods used in Bulgarian elections](#)

(2018) AIP Conference Proceedings, 2048, art. no. 020040, .

11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058788751&doi=10.1063%2f1.5082058&partnerID=40&md5=cbe8e1a>
DOI: 10.1063/1.5082058

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

12) Rizov, V.

[Analytical study of elastic-plastic fracture in the crack-lap shear multilayered beam configuration](#)

(2018) Journal of Theoretical and Applied Mechanics (Bulgaria), 48 (4), pp. 61-77.

12)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059584016&doi=10.2478%2fjtam-2018-0023&partnerID=40&md5=a9c>

DOI: 10.2478/jtam-2018-0023

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

13) Rizov, V.I.

[Nonlinear Delamination Analysis of Mulyilayered Functionally Graded Circular Shafts in Torsion](#)

(2018) Journal of Applied Mechanics and Technical Physics, 59 (6), pp. 1104-1110.

13) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059606191&doi=10.1134%2fS0021894418060160&partnerID=40&md5=>

DOI: 10.1134/S0021894418060160

Document Type: Article

Publication Stage: Final

Source: Scopus

14) Pavlov, P.

[Nonlinear damped vibrations of planar discrete systems-numerical and experimental modelling](#)

(2018) MATEC Web of Conferences, 211, art. no. 02006, .

14) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055569201&doi=10.1051%2fmatecconf%2f201821102006&partnerID=40&md5=>

DOI: 10.1051/matecconf/201821102006

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

15) Rizov, V.

[Analysis of cylindrical delamination cracks in multilayered functionally graded non-linear elastic circular shafts under combined loads](#)

(2018) Frattura ed Integrita Strutturale, 12 (46), pp. 158-177.

15) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054133655&doi=10.3221%2fIGF-ESIS.46.16&partnerID=40&md5=4d7>

DOI: 10.3221/IGF-ESIS.46.16

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

16) Rizov, V.

[Non-linear delamination in two-dimensional functionally graded multilayered beam](#)

(2018) International Journal of Structural Integrity, 9 (5), pp. 646-663.

16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053921279&doi=10.1108%2fIJSI-12-2017-0079&partnerID=40&md5=>

DOI: 10.1108/IJSI-12-2017-0079

Document Type: Article

Publication Stage: Final

Source: Scopus

17) Partov, D., Georgiev, L.

[Comparison of FEM Analysis and Experimental Investigation for A 168m Long Steel Double Twin Truss Launching Gantry Subjected to Different Load and Support Conditions](#)

(2018) IOP Conference Series: Materials Science and Engineering, 419 (1), art. no. 012025, .

17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054282239&doi=10.1088%2f1757-899X%2f419%2f1%2f012025&partn>

DOI: 10.1088/1757-899X/419/1/012025

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

18) Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

[Magnetic Properties of Rare Earth Doped SnO₂, TiO₂ and CeO₂ Nanoparticles](#)

(2018) Physica Status Solidi (B) Basic Research, 255 (8), art. no. 1800179, .

18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051414491&doi=10.1002%2fpssb.201800179&partnerID=40&md5=>

DOI: 10.1002/pssb.201800179

Document Type: Article

Publication Stage: Final

Source: Scopus

19) Rizov, V.I.

[Analytical Study of Delamination in Multilayered Two-Dimensional Functionally Graded Non-Linear Elastic Beams](#)

(2018) Journal of Mechanics, 34 (4), pp. 495-504.

19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038259151&doi=10.1017%2fjmech.2017.104&partnerID=40&md5=>

DOI: 10.1017/jmech.2017.104

Document Type: Article

Publication Stage: Final

Source: Scopus

- 20) Apostolov, A.T., Apostolova, I.N., Wesselinowa, J.M.

[Size and doping dependence of the phonon properties of SnO₂ nanoparticles](#)

(2018) Modern Physics Letters B, 32 (21), art. no. 1850250, .

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049634413&doi=10.1142%2fS0217984918502500&partnerID=40&md5=9f4574bc7b98ef626554d6e77544982>

DOI: 10.1142/S0217984918502500

Document Type: Article

Publication Stage: Final

Source: Scopus

- 21) Panayotov, K.

[An analysis of the techniques and benefits of these methods: Mapping the seafloor with remote sensing and satellite imagery](#)

(2018) Hydro International, 22 (4), pp. 32-34.

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050071672&partnerID=40&md5=9f4574bc7b98ef626554d6e77544982>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 22) Rizov, V.I.

[Fracture Analysis of a Three-Dimensional Functionally Graded Multilayered Beam](#)

(2018) Strength of Materials, 50 (3), pp. 432-442.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053048410&doi=10.1007%2fs11223-018-9987-4&partnerID=40&md5=9f4574bc7b98ef626554d6e77544982>

DOI: 10.1007/s11223-018-9987-4

Document Type: Article

Publication Stage: Final

Source: Scopus

- 23) Atanasova, P., Georgieva, A., Konstantinov, M.

[Dichotomous solutions of linear impulsive differential equations](#)

(2018) Mathematical Methods in the Applied Sciences, 41 (5), pp. 1753-1760.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039993487&doi=10.1002%2fmma.4701&partnerID=40&md5=9651dee>

DOI: 10.1002/mma.4701

Document Type: Article

Publication Stage: Final

Source: Scopus

24) Dat, B.T., Traykov, A., Traykova, M.

[Shear-lag effect and its effect on the design of high-rise buildings](#)

(2018) E3S Web of Conferences, 33, art. no. 02001, .

24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043699573&doi=10.1051%2fe3sconf%2f20183302001&partnerID=408>

DOI: 10.1051/e3sconf/20183302001

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

25) Bratoev, B., Doykov, I., Ninov, J., Lenchev, A.

[Pozzolanic activity assessment of calcined clays with complex minerals content](#)

(2018) Advances in Cement Research, 30 (3), pp. 103-112.

25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042374397&doi=10.1680%2fjadcr.17.00057&partnerID=40&md5=c577>

DOI: 10.1680/jadcr.17.00057

Document Type: Article

Publication Stage: Final

Source: Scopus

26) Bianco, L.

[Building science and professional ethics in nineteenth-century ecclesiastical architecture in Malta](#)

(2018) Terra Sebus, 10, pp. 413-424.

26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061999342&partnerID=40&md5=f935f0e091d11850e49bddb5d8e31c7>

Document Type: Review

Publication Stage: Final

Source: Scopus

27) Rizov, V.

[Non-linear elastic analysis of delamination in two-dimensional functionally graded multilayered beams](#)

(2018) Strength, Fracture and Complexity, 11 (4), pp. 319-335.

27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060869351&doi=10.3233%2fSFC-180233&partnerID=40&md5=1b352>

DOI: 10.3233/SFC-180233

Document Type: Article

Publication Stage: Final

Source: Scopus

28) Gupta, V., Soybaş, D., Tachev, G.

[Improved approximation on Durrmeyer-type operators](#)

(2018) Boletín de la Sociedad Matemática Mexicana, . Article in Press.

- 28) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059837499&doi=10.1007%2fs40590-018-0196-8&partnerID=40&md5=>
DOI: 10.1007/s40590-018-0196-8

Document Type: Article in Press
Publication Stage: Article in Press
Source: Scopus

- 29) Lolov, D., Lilkova-Markova, S.

[Dynamic stability of double-walled carbon nanotubes](#)

(2018) Journal of the Serbian Society for Computational Mechanics, 12 (1), pp. 1-8.

- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057412372&doi=10.24874%2fjsscm.2018.12.01.01&partnerID=40&md5=>
DOI: 10.24874/jsscm.2018.12.01.01

Document Type: Article
Publication Stage: Final
Source: Scopus

- 30) Gul, M., Kotak, Y., Muneer, T., Ivanova, S.

[Enhancement of albedo for solar energy gain with particular emphasis on overcast skies](#)

(2018) Energies, 11 (11), art. no. 2881, .

- 30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057330788&doi=10.3390%2fen11112881&partnerID=40&md5=da5d11>
DOI: 10.3390/en11112881

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 31) Vasileva, A.

[The clash of nationalisms: Making of Bulgarian post-socialist identity on the modern heritage battlefield](#)

(2018) Proceedings of the 15th International Docomomo Conference - Metamorphosis: The Continuity of Change, IDC 2018, pp. 558-563.

- 31) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055709700&partnerID=40&md5=97cfc00313c17ee366aaa7b6e3497c>
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 32) Bianco, L.
[From poetics to metapoetics: Architecture towards architecture](#)
(2018) *Balkan Journal of Philosophy*, 10 (2), pp. 103-114.
- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054928665&doi=10.5840%2fbjp201810212&partnerID=40&md5=0b93>
DOI: 10.5840/bjp201810212
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 33) Brezov, D.S.
[Projective bivector parametrization of isometries in low dimensions](#)
(2018) *Geometry, Integrability and Quantization*, 19, pp. 91-104.
- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052744923&doi=10.7546%2fgiq-19-2018-91-104&partnerID=40&md5=>
DOI: 10.7546/giq-19-2018-91-104
- Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 34) Mladenova, C.D., Brezov, D.S., Mladenov, I.M.
[Alternative description of rigid body kinematics and quantum mechanical angular momenta](#)
(2018) *Geometry, Integrability and Quantization*, 19, pp. 148-158.
- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052740732&doi=10.7546%2fgiq-19-2018-148-158&partnerID=40&md5=>
DOI: 10.7546/giq-19-2018-148-158
- Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 35) Rizov, V.I.
[Delamination in multi-layered functionally graded beams – An analytical study by using the ramberg-osgood equation](#)
(2018) *Structural Integrity and Life*, 18 (1), pp. 70-76.
- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052021546&partnerID=40&md5=50f8bcfa4ecb522d606b71f1cfb79480>
Document Type: Article
Publication Stage: Final
Source: Scopus
- 36) Rizov, V.I.

[Non-linear delamination fracture in multilayered two-dimensional unsymmetrical functionally graded beam](#)

(2018) Acta Technica CSAV (Ceskoslovensk Akademie Ved), 63 (3), pp. 369-384.

36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051664721&partnerID=40&md5=aa92494863ce38059336cf43a67377>

Document Type: Article

Publication Stage: Final

Source: Scopus

37) Brezov, D.S., Mladenova, C.D., Mladenov, I.M.

[From the Kinematics of Precession Motion to Generalized Rabi Cycles](#)

(2018) Advances in Mathematical Physics, 2018, art. no. 9256320, .

37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045635428&doi=10.1155%2f2018%2f9256320&partnerID=40&md5=6>

DOI: 10.1155/2018/9256320

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

38) Samodivkin, V.

[A note on roman domination: Changing and unchanging](#)

(2018) Australasian Journal of Combinatorics, 71 (2), pp. 303-311.

38) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045430241&partnerID=40&md5=ed44a131f8a12f1171907eb55fe621c>

Document Type: Article

Publication Stage: Final

Source: Scopus

39) Samodivkin, V.

[Upper bounds on the bondage number of a graph](#)

(2018) Electronic Journal of Graph Theory and Applications, 6 (1), pp. 1-16.

39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045008075&doi=10.5614%2fejgta.2018.6.1.1&partnerID=40&md5=79>

DOI: 10.5614/ejgta.2018.6.1.1

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

40) Rizov, V.I.

[Analysis of delamination in two-dimensional functionally graded multilayered beam with non-linear](#)

[behaviour of material](#)

(2018) Engineering Transactions, 66 (1), pp. 61-78.

40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044606897&partnerID=40&md5=3ef111329bf8fb7173e209fd3ad1bfd5>

Document Type: Article

Publication Stage: Final

Source: Scopus

41) Rizov, V.

[Multilayered functionally graded non-linear elastic beams with logarithmic material gradient: A delamination analysis](#)

(2018) Technische Mechanik, 38 (2), pp. 203-219.

41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044290798&doi=10.24352%2fUB.OVGU-2018-029&partnerID=40&md5=3ef111329bf8fb7173e209fd3ad1bfd5>

DOI: 10.24352/UB.OVGU-2018-029

Document Type: Article

Publication Stage: Final

Source: Scopus

42) Rizov, V.I.

[Delamination in a Two-Dimensional Functionally Graded Beam](#)

(2018) Journal of Applied Mechanics and Technical Physics, 59 (1), pp. 146-152.

42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043987232&doi=10.1134%2fS0021894418010182&partnerID=40&md5=3ef111329bf8fb7173e209fd3ad1bfd5>

DOI: 10.1134/S0021894418010182

Document Type: Article

Publication Stage: Final

Source: Scopus

43) Petkov, P., Konstantinov, M.

[Perturbation analysis of the feedback control problem](#)

(2018) Comptes Rendus de L'Academie Bulgare des Sciences, 71 (2), pp. 243-251.

43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043568940&partnerID=40&md5=b95c1f90cd84f00788f22df4eb391661>

Document Type: Article

Publication Stage: Final

Source: Scopus

44) Rizov, V.

[Non-linear fracture analysis of multilayered two-dimensional graded beams](#)

(2018) Multidiscipline Modeling in Materials and Structures, 14 (2), pp. 387-399.

44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043455430&doi=10.1108%2fMMMS-09-2017-0107&partnerID=40&md5=3ef111329bf8fb7173e209fd3ad1bfd5>

DOI: 10.1108/MMMS-09-2017-0107

Document Type: Article

Publication Stage: Final

Source: Scopus

45) Rizov, V.

[Elastic-plastic delamination of multilayered graded four-point bending beam](#)

(2018) World Journal of Engineering, 15 (1), pp. 166-172.

45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043283411&doi=10.1108%2fWJE-01-2017-0015&partnerID=40&md5=>

DOI: 10.1108/WJE-01-2017-0015

Document Type: Article

Publication Stage: Final

Source: Scopus

Search: AF-ID("University of Architecture Sofia" 60015340) AND (LIMIT-TO (PUBYEAR,2018))