

List of scientific papers - Listă de lucrări științifice

Relevant papers in the Mechanical Engineering Domain - Lucrări relevante în domeniul Inginerie Mecanică

Emil Oanță, Alexandra Niță, "An Original Method to Compute the Stresses in Applied Elasticity", Journal of Optoelectronics and Advanced Materials - Rapid Communications (OAM-RC), Editor in-chief: Prof. Dr. Mihai A. Popescu, ISSN: Print: 1842-6573, Impact factor 0.224, Vol. 3, No. 11, November 2009, pp. 1226-1230.

Alexandra Niță, Emil Oanță, "Multidisciplinary Studies Regarding the Residual Stress Minimization in Polymeric Injected Parts", Revista 'Materiale Plastice', ISSN 0025/5289, Vol. 47, nr. 1, Martie 2010, pp. 69-73 (corresponding author - autor corespondent).

Emil Oanta, Cornel Panait, "Aspects Regarding the Hybrid Models in Engineering", Invited Lecture, Proceedings of the ModTech2013 International Conference – "Advanced Materials Research", 27-29 June 2013, Sinaia, Romania, Vol. Modern Technologies in Industrial Engineering – TRANS TECH PUBLICATIONS, ISBN-978-3-03785-929-2, Advanced Material Research Vol. 837, (2014) 99 141-146, (2014) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMR.837.141.

Emil Oanta, Eliodor Constantinescu, Alexandra Raicu, Tiberiu Axinte, "Analytic General Solution Employed to Calculate the Geometrical Characteristics in Structural Problems", ModTech2014 International Conference, 13-16 July 2014, Gliwice, Poland, Scientific.Net Publications, Vol 1036 of Advanced Materials Research, pp 697-702, ISSN 102-660, ISBN-13: 978-3-03835-255-6, doi: 10.4028/www.scientific.net/AMR.1036.697.

Emil M. Oanta, Cornel Panait, Mihaela Barhalescu, Adrian Sabau, Constantin Dumitrache, Anca-Elena Dascalescu, "Original computer method for the experimental data processing in photoelasticity", Proc. SPIE 9258, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VII, 92582A (February 21, 2015); doi:10.1117/12.2070409; <http://dx.doi.org/10.1117/12.2070409>.

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Emil M. Oanta, Anca-Elena Dascalescu, Adrian Sabau, "Original analytical model of the hydrodynamic loads applied on the half-bridge of a circular settling tank", Proc. SPIE 10010, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VIII, 100102Q (December 14, 2016); doi:10.1117/12.2243009; <http://dx.doi.org/10.1117/12.2243009>.

Emil Oanta, Cornel Panait, Alexandra Raicu, Mihaela Barhalescu, Tiberiu Axinte, "Calculus domains modelled using an original bool algebra based on polygons", ModTech International Conference - Modern Technologies in Industrial Engineering IV (2016), IOP Conference Series: Materials Science and Engineering, Volume 145, New Materials and Modern Technologies in Marine Engineering, doi:10.1088/1757-899X/145/8/082011.

Emil Oanță, Răzvan Tamaș, Alin Dănișor, "Experimental data filtration algorithm", ModTech International Conference - Modern Technologies in Industrial Engineering IV (2017), IOP

Conference Series: Materials Science and Engineering, Volume 227, New Materials and Modern Technologies in Marine Engineering, doi:10.1088/1757-899X/227/1/012083.

Emil M. Oanță, Victor Hreniuc, Python Brice, “Analytical Model of a Bulb Flat”, ACME International Conference - The 8th International Conference on Advanced Concepts in Mechanical Engineering, June 07-08, 2018, Iasi, Romania.

Emil M. Oanta, Răzvan Tamaș, Mirel Păun, “General Solving Concepts in Models’ Design”, ATOM-N 2018 International Conference, 23-26 August, 2018, Constanța, Romania.

Emil M Oanță, Adrian Sabău, Mihaela Bărhălescu, “Calculus of the geometrical characteristics of the sections using CAD/CAE commercial applications”, ModTech2018 International Conference - Modern Technologies in Industrial Engineering, June 13-16, 2018, Constanța, Romania.

Emil M Oanță, Victor-Coriolan Hreniuc, Constantin-Dănuț Grosu, “Effective method used to create the analytical models of large sets of curves – application for the ship hull body plan”, ModTech2018 International Conference - Modern Technologies in Industrial Engineering, June 13-16, 2018, Constanța, Romania.

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Emil Oanta, Bogdan Nicolescu, “A Versatile PC-Based Method for the Processing of the Large Matrices”, DETC99/CIE-9059, Proceedings of DETC99: 1999 ASME Design Engineering Technical Conference, September 12-15, 1999, Las Vegas, Nevada, Proceedings the 19th Computers and Information in Engineering ASME Conference, ISBN 9780791819722, Vol 2, paper DETC99/CIE-9059, pp 457-464.

Bogdan Nicolescu, Gabriel Golubovici, Emil M. Oanta, “Multithreading Parallelization of CFD Problems Under Microsoft Windows NT”, Proceedings of the ASME Fluid Engineering Division – 1999, 1999 ASME International Mechanical Engineering Congress and Exposition, November 14-19, 1999, Nashville Tennessee, FED-Vol 250, Edited David Stock – Washington State University, pp. 315-318, ISBN 0-7918-1661-3, 9780791816615.

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Oanta Emil, Nicolescu Bogdan, "Comparative Study of the Ring Elements Belonging to an Anchor Chain", 4th International Conference on PhD Students, ISBN 963-661-585-3-o, ISBN 963-661-591-8, University of Miskolc, Hungary, 11-17 August 2003, pag. 181-187.

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Emil Oanță, "Computer Based Instruments in Teaching Strength of Materials", Proceedings of the '6th International Seminar of Quality Management in Higher Education', ISBN: 978-973-662-567-1, pp. 579-582, Organized by: Ministry of Education, Research, Youth and Sports, 'Gheorghe Asachi' Technical University of Iasi, CETEX - Center of Continuing Education and Training, 8-9 July 2010, Tulcea, Romania, Editor: Costache Rusu, ISBN 978-973-662-566-4, ISBN (Volume 1): 978-973-662-567-1, pp. 579-582.

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Oanta Emil, "Approximations in structural analytical studies", Constanta Maritime University Annals, 2012, Year XIII, Volume 18, ISSN 1582-3601, pag 129-134.

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Pyton Brice, Alex Hreniuc, Victor-Coriolan Hreniuc, Emil M Oanță, "Discretization method of the ship hull cross sections", ModTech2018 International Conference - Modern Technologies in Industrial Engineering, June 13-16, 2018, Constanța, Romania (corresponding author - autor corespondent).