Artykuły z listy A MNiSW

2018

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
M.Klimczak	W.Cecot		An adaptive MsFEM for non periodic viscoelastic composites	International Journal for Numerical Methods in Engineering	accepted	2018	2,162	40
I.Jaworska	J .Orkisz		On Nonlinear Analysis by the Multipoint Meshless FDM	Engineering Analysis with Boundary Elements	doi.org/10.1016/j.enganabound.2017.11.018, in press	2018	1,721	35
W.Cecot	S.Milewski	J .Orkisz	Determination of overhead power line cables configuration by the FEM and meshless FDM	International Journal of Computational Methods	DOI: 10.1142/S0219876218500044, in press	2018	1,123	25

2017

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
I.Jaworska			On some aspects of the Meshless FDM application for the heterogeneous materials	International Journal for Multiscale Computational Engineering	15(4):359–378	2017	1,103	25
M.Krówczynski	W.Cecot		A fast three-level upscaling for short fiber reinforced composites	International Journal for Multiscale Computational Engineering	15(1): 19–34	2017	1,103	25
I.Jaworska			Estimation of a posteriori computational error by the higher order multipoint meshless FDM	Computing and Informatics	Vol. 36, in press	2017	0,504	15
M.Dryzek	E.Dryzek		Positron annihilation lifetime spectroscopy of ABS objects manufactured by fused deposition modelling	Acta Physica Polonica A	132(5):1506-1509	2017	0,469	15

2016

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
I.Jaworska	S.Milewski		On two-scale analysis of heterogeneous materials by means of the meshless finite difference method	International Journal for Multiscale Computational Engineering	14 (2): 25-43	2016	0,760	25
J.Jaśkowiec	S.Milewski		Coupling finite element method with meshless finite difference method in thermomechanical problems	Computers and Mathematics with Applications	72(9):2259–2279	2016	1,697	40

2015

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
W.Cecot	M.Oleksy		High order FEM for multigrid homogenization	Computers and Mathematics with Applications	70(7):1391-1400	2015	1,697	40
I.Jaworska	J.Orkisz		Higher order multipoint method – from Collatz to meshless FDM	Engineering Analysis with Boundary Elements	50: 341-351	2015	1,392	30
J.Jaśkowiec	S.Milewski		The effective interface approach for coupling of the FE and meshless FD methods and applying essential boundary conditions	Computers and Mathematics with Applications	70(5): 962-979	2015	1,697	20
M.Oleksy			An improved homogenization of inelastic composites	International Journal for Multiscale Computational Engineering	13(3):249-263	2015	0,76	25

2014

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
M.Oleksy	W.Cecot		Application of hp-Adaptive Finite Element Method to Two-Scale Computation	Archives of Computational Methods in Engineering	22(1):105-134	2015	3,68	50
M.Oleksy	W.Cecot		Estimation of computational homogenization error by explicit residual method	Computers and Mathematics with Applications	66(12):2504-2516	2014	1,697	40
J.Orkisz	M.Głowacki		On Acceleration of Evolutionary Algorithms Taking Advantage of A Posteriori Error Analysis	Computing and Informatics	33(1);154-174	2014	0,504	15
S.Milewski	J.Orkisz		In search of optimal acceleration approach to iterative solution methods of simultaneous algebraic equations	Computers and Mathematics with Applications	68(3):101–117	2014	1,697	40

2013

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	IF	MNiSW
I.Jaworska			On the ill-conditioning in the new higher order multipoint method	Computers and Mathematics with Applications	66(3):238–249	2013	1,996	35
S.Milewski			Selected computational aspects of the meshless finite difference method and their implementation in Matlab	Numerical Algorithms	63(1): 107-126	2013	1,005	30
S.Milewski	J.Orkisz		Numerical modelling of slumps under highways located on the mining damages area, based on experimental measurements	Inverse Problems in Science and Engineering	987-1006	2013	0,8	25

Artykuły z listy B MNiSW

2018

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
S.Milewski			Development of simple effective cloud of nodes and triangular mesh generators for meshless and element-based analyses - implementation in Matlab	Computer Assisted Methods in Engineering and Science	accepted	2018	14

2017

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
M.Maślak	M.Pazdanowski	P.Woźniczka	Impact of the limited oxygen availability on the localized fire development in a large area building compartment	Fire Protection, Safety and Security 2017	106-116	2017	15
M.Maślak	M.Pazdanowski	J.Siudut	Kształtowanie elementów w modernizowanych stalowych zbiornikach paliwowych wynikające ze zmian użytkowych oraz wzrastających wymagań środowiskowych	Journal of Civil Engineering, Environment and Architecture	347-358, DOI: 10.7862/rb.2017.32	2017	9
J.Magiera			BIM – nowe ścieżki kariery. Menedżer Infromacji	Builder	nr 07/2017, pp. 49-49	2017	8
J.Magiera			Menedżer informacji BIM	Materiały Budowlane	DOI:10.15199/33.2017.05.53	2017	8

2016

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
M.Klimczak	W.Cecot		Comparison of two methods for numerical upscaling	Engineering Transactions	64(4), accepted	2016	15

2015

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
M.Oleksy	W.Cecot		Application of the fully automatic hp-adaptive FEM to elastic-plastic problems	Computer Methods in Materials Science	15(1):204-212	2015	12
M.Klimczak	W.Cecot		Application of local numerical homogenization and hp-adaptive FEM for modeling of heterogeneous viscoelastic materials	Engineering Transactions	63(5):317-327	2015	15

2014

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
M.Pazdanowski			Residual stresses as a factor of railroad rail fatigue	Engineering Transactions	111(4-B): 39-46	2014	6
M.Pazdanowski			Resiual stress development in railroad rails - a parametric study	Engineering Transactions	111(4-B): 83-94	2014	6
M.Pazdanowski			SVD as a preconditioner in nonlinear optimization	Computer Assisted Methods in Engineering and Science	21(2): 141-150	2014	6
M.Krówczyński			Innovative analysis methods of reinforced concrete structures: the strut and tie method	Engineering Transactions	5-B, 143-148	2014	6
J.Orkisz	M.Głowacki		On Improved Evolutionary Algorithms Application to the Physically Based Approximation of Experimental Data	Computer Assisted Methods in Engineering and Science	21: 27-38	2014	6
Ł.Bednarski	S.Milewski	R.Sieńko	Determination of vertical and horizontal soil displacements in automated measuring systems on the basis of angular measurements	Engineering Transactions	6-B, 3–13	2014	6

2013

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year	MNiSW
M.Serafin	W.Cecot		Numerical aspects of computational homogenization	Computer Methods in Materials Science	13(2):213-218	2013	10
M.Klimczak	W.Cecot		Local numerical homogenization in modeling of heterogeneous visco–elastic materials	Computer Methods in Materials Science	13(2):226-230	2013	10
M.Klimczak	W.Cecot	W.Rachowicz	Application of hp-adaptive FEM, local numerical homogenization and discrete element method to modeling of asphalt pavement structures	Computer Methods in Materials Science	13(4):471-479	2013	10
R.Kansy	W.Cecot		Higher-order FEM for coupled problems	Engineering Transactions	(2-B): 29-39	2013	6
M.Maślak	M.Pazdanowski		Konferencja naukowa w Nankinie dotycząca rozwoju konstrukcji stalowych	Budownictwo	69(4): 223-224	2013	2

Monografie/Rozdziały w Monografiach

2017

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
D.Kasznia	J.Magiera	P.Wierzowiecki	BIM w praktyce. Standardy, wdrożenie, case study	PWN	monografia	2017
J.Magiera			Przegląd nowych technologii i procesów BIM	ITB	Czarnecki, Lech [Ed.] - Innowacyjne wyzwania techniki budowlanej, Warszawa 2017, ISBN 978-83-249-8485-5	2017

2015

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
M.Oleksy	M.Klimczak	W.Cecot	A comparison of three hp-FEM aided methods for computational homogenization. Recent advances in civil engineering : computational methods	Recent advances in civil engineering: computational methods. Ed. W.Cecot. Cracow University of Technology Press	481:13-42	2015
S.Milewski	I.Jaworska		Recent advances in the meshless finite difference method	Recent advances in civil engineering: computational methods. Ed. W.Cecot. Cracow University of Technology Press	481:143-168	2015
M.Stojek			Metody funkcji falowych dla równania Helmholtza w obliczeniach obciążeń hydrodynamicznych	Instytut Informatyki Stosowanej, PK.		2015
J.Pietraszek N.Radek	M.Stojek	A.Goroshko M.Kołomycki	Bootstrap identification of confidence intervals for the non-linear DoE model	Proc. Of Computational Methods in Applied Sciences Conf in Applied Mechanics and Materials	712:11-16	2015
M.Stojek	J.Pietraszek		Simulation-based engineering science challenges of the 21st century	Proc. Of Computational Methods in Applied Sciences Conf in Applied Mechanics and Materials	712:3-8	2015
M.Maślak	M.Pazdanowski	J.Siudut K.Tarsa	Probability-based durability prediction for corroded shell of steel cylindrical tank for liquid fuel storage	Workshop on Quantifying the Value of Structural Health Monitoring, Lyngby 2015	82-95. ISBN 978-8-77-877426-2	2015
M.Stojek			Computation of exterior acoustics problems in two dimensions by Trefftz-type finite elements	Proc. Of Computational Methods in Applied Sciences Conf in Applied Mechanics and Materials	712:17-22	2015
J.Magiera			Hybrid, physically reasonable neutron diffraction data reduction for residual stresses in rails	Recent advances in civil engineering: computational methods. Ed. W.Cecot. Cracow University of Technology Press	481:169-190	2015

	2013					
Author 1	**Author 2**	**Author 3**	**Title**	**Journal or Publisher**	**details**	**Year**
W.Cecot			Homogenizacja obliczeniowa z zastosowaniem adaptacyjnej MES	Cracow University Press		2013

Indeksowane Materiały Konferenecyjne

2018

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
M.Maślak	M.Pazdanowski	P.Woźniczka	Numerical validation of selected computer programs in nonlinear analysis of steel frame exposed to fire	Proc. CMM2017, AIP Publishing	150007-1-150007-9, DOI: 10.1063/1.5019160	2018
M.Pazdanowski			Error driven remeshing strategy in an elasto-plastic shakedown problem	Proc. CMM2017, AIP Publishing	040005-1–040005-8, DOI: 10.1063/1.5019050	2018

2017

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
M.Maślak	M.Pazdanowski	P.Woźniczka	Impact of the limited oxygen availability on the localized fire development in a large area building compartment	Fire Protection, Safety and Security 2017	106-116	2017
J. Orkisz	M. Głowacki		On Advances in Development of Evolutionary Algorithms for Chosen Large Optimization Problems of Computational Mechanics	IEEE Symposium Series on Computational Intelligence	accepted	2017

2016

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
M.Maślak	M.Pazdanowski	M.Snela	Redistribution of internal forces generated in a steel frame structure with flexible joints when exposed to a fire	Proc. XIII Int. Conf. on Metal Structures, Zielona Góra 2016	136-137	2016
M.Maślak	M.Pazdanowski	M.Snela	Numerically based quantification of internal forces generated in steel sway frame structures with flexible end-plate joints, exposed to fire	Advances in Mechanics: Theoretical, Computational and Interdisciplinary Issues, M.Kleiber, T.Burczński, K.Wilde, J.Górski, K.Winkelmann, Ł.Smakosz eds., CRC Press, .ISBN 978-1-138-02906-4	389-392	2016
M.Maślak	M.Pazdanowski	A.Tkaczyk	Fire resistance evaluation of a steel sway frame load-bearing structure using the linear programming	Proc. XIII Int. Conf. on Metal Structures, Zielona Góra 2016	138-139	2016
M.Pazdanowski			On decreasing of the optimization problem size	Advances in Mechanics: Theoretical, Computational and Interdisciplinary Issues, M.Kleiber, T.Burczński, K.Wilde, J.Górski, K.Winkelmann, Ł.Smakosz eds., CRC Press, .ISBN 978-1-138-02906-4	463-467	2016
I.Jaworska			On application of the meshless finite difference method to numerical homogenization	ECCOMAS 2016	Conf. Mat. vol.2, pp.2417-2425	2016

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
W. Rachowicz	W. Cecot	A. Zdunek	An adaptive finite element method for contact problems in finite elasticity	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st	493-496	2016
W. Rachowicz	A. Zdunek	W. Cecot	Finite Element Method simulations of linear and nonlinear elasticity problems with error control and mesh adaptation	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM) – PCM-CMM-2015 Congress, Gdańsk, Poland, 8-11 September 2015.	47-59	2016
J.Orkisz	M. Głowacki		On development of a new approach for EA acceleration in chosen large optimization problems of mechanics	GECCO 2016 Companion - Proceedings of the 2016 Genetic and Evolutionary Computation Conference	1467-1468	2016
J.Magiera			An Experimental Study of the Development of Three-Dimensional Rail Residual Stress at Various Manufacturing Stages	The Third International Conference on Railway Technology: Research, Development and Maintenance, J. Pombo, (Editor), Civil-Comp Press	paper 173	2016

2015

Author 1	Author 2	Author 3	Title	Journal or Publisher	details	Year
M.Pazdanowski			SVD augmented gradient optimization	Acta Physica Polonica. A, General Physics, Physics of Condensed Matter, Optics and Quantum Electronics, Atomic and Molecular Physics, Applied Physics	128(2-B): B-213–B-214	2015
J.Magiera			Experimental-numerical study of manufacture induced 3D rail residual stress	26th Symposium on Experimental Mechanics of Solids, Solid State Phenomena	240: 17-24	2015
M.Głowacki	J.Orkisz		On increasing computational efficiency of Evolutionary Algorithms applied to large optimization problems	2015 IEEE Congress on Evolutionary Computation, CEC 2015 - Proceedings	2639-2646	2015
J.Orkisz	M.Głowacki		On Efficiency Increase of Evolutionary Algorithms for Large Non-linear Constrained Optimization Problems with Applications to Mechanics	Computational Methods in Applied Sciences, Vol. 39: Evolutionary Algorithms and Metaheuristics in Civil Engineering and Construction Management, Eds. Magalhaes-Mendes J., Greiner D., Springer	51-65	2015
J.Pietraszek, M.Sеńcio, J.Diakun, A.Gądek-Moszczak	M.Stojek		The Parametric RSM Model with Higher Order Terms for the Meat Tumbler Machine Process	WCCM XI : 11th World Congress on Computational Mechanics, Barcelona, July 20-25, 2014, Solid State Phenomena	235: 37-44	2015

2014						
Author 1	**Author 2**	**Author 3**	**Title**	**Journal or Publisher**	**details**	**Year**
J.Orkisz	M.Głowacki		On dedicated Evolutionary Algorithms for large non-linear constrained optimization problems in application to residual stresses analysiss	11th World Congress on Computational Mechanics, July 20-25, 2014, Barcelona, Eds.: Onate E., Oliver X., Huerta A., Publisher:, CIMNE Barcelona	2073-2084	2014
I.Jaworska	J.Orkisz		On some aspects of a posteriori error estimation in the multipoint meshless FDM	11th World Congress on Computational Mechanics, July 20-25, 2014, Barcelona, Eds.: Onate E., Oliver X., Huerta A., Publisher:, CIMNE Barcelona	2737-2743	2014

Materiały Konferencyjne

2017

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
J. Orkisz	M. Głowacki		On Improving Evolutionary Algorithms and Acceleration Techniques Based on Estimation of Convergence Point Population for Chosen Optimization Problems of Mechanics	Proceedings of the International Conference on Computational Methods, ISSN 2374-3948, Vol. 4, pp. 1303-1307	International Conference on Computational Methods
Klimczak, Marek	Cecot, Witold		hp-adaptive multiscale FEM in modelling of heterogeneous viscoelastic materials	KomPlasTech 2017 : XXIV International Conference on Computer Methods in Materials Technology, January 15-18, 2017, Zakopane, Poland : book of abstracts	KomPlasTech 2017 : XXIV International Conference on Computer Methods in Materials Technology
Maślak, Mariusz	Pazdanowski, Michał	J.Siudut K.Tarsa	Corrosion durability estimation for steel shell of a tank used to store liquid fuels		12th International Conference Modern Building Materials, Structures and Techniques (MBMST 2016)

2016

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
Klimczak, Marek	Cecot, Witold		Comparison of two methods for numerical upscaling	40th SolMech 2016 : 40th Solid Mechanics Conference, 29.08 - 2.09 2016, Warsaw	40th Solid Mechanics Conference (SolMech 2016)
Maślak, Mariusz	Pazdanowski, Michał	Snela, Małgorzata	Redistribution of internal forces generated in a steel frame structure with flexible joints when exposed to a fire	Recent Progress in Steel and Composite Structures : proceedings of the XIII International Conference on Metal Structures (ICMS2016), Zielona Góra, Poland, 15-17 June 2016	ICMS 2016 : XIII International Conference on Metal Structures Recent Progress in Steel and Composite Structures
Maślak, Mariusz	Pazdanowski, Michał	Tkaczyk, Anna	Fire resistance evaluation of a steel sway frame load-bearing structure using the linear programming	Recent Progress in Steel and Composite Structures : proceedings of the XIII International Conference on Metal Structures (ICMS2016), Zielona Góra, Poland, 15-17 June 2016	ICMS 2016 : XIII International Conference on Metal Structures Recent Progress in Steel and Composite Structures
Szydłowski, Rafał	Maślak, Mariusz	Pazdanowski, Michał	Monitoring of the prestressed concrete slabs with unbonded tendons during erection and in service	3rd and 4th Workshop Proceedings : COST Action TU1402: Quantifying the Value of Structural Health Monitoring : proceedings of the 3rd Workshop, Barcelona Tech, Spain, 14.-15.03.2016 and the 4th Workshop, Guildford, England, 18.-19.04.2016	3. COST Action TU1402: Quantifying the Value of Structural Health Monitoring

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
Szydłowski, Rafał	Maślak, Mariusz	Pazdanowski, Michał	Monitoring of the prestressed concrete slabs with unbonded tendons during erection and in use	International RILEM Conference on Materials, Systems and Structures in Civil Engineering 2016, segment on Concrete with Reliability, Safety and Value of Information Lyngby, Denmark August 22-24, 2016	MSSCE 2016 : Materials, Systems and Structures in Civil Engineering
Jaworska, Irena			On application of the meshless finite difference method to numerical homogenization	ECCOMAS Congress 2016 : proceedings of the VII European Congress on Computational Methods in Applied Sciences and Engineering held in Crete, Greece, 5-10 June 2016. Vol. 2	ECCOMAS 2016 : VII European Congress on Computational Methods in Applied Sciences and Engineering
Orkisz, Janusz	Głowacki, Maciej		On new acceleration techniques for Evolutionary Algorithms based on estimation of convergence point of populations	Ninth ACC Cyfronet AGH HPC Users' Conference 2016, Zakopane, 16-18 March 2016 : proceedings	KUKDM 2016 : Konferencja Użytkowników Komputerów Dużej Mocy 2016 Ninth ACC Cyfronet AGH HPC Users' Conference 2016

2015

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
Rachowicz, Waldemar	Zdunek, Adam	Cecot, Witold	An adaptive Finite Element Method for contact problems in finite elasticity	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Rachowicz, Waldemar	Zdunek, Adam	Cecot, Witold	Finite Element Method simulations of linear and nonlinear elasticity problems with error control and mesh adaptation	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM) – PCM-CMM-2015 Congress, Gdańsk,	PCM-CMM-2015 Congress : 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM)
Rachowicz, Waldemar	Cecot, Witold	Zdunek, Adam	An adaptive finite element method for contact problems in finite elasticity	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM) – PCM-CMM-2015 Congress, Gdańsk,	PCM-CMM-2015 Congress : 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM)
Klimczak, Marek	Cecot, Witold		Integration of hp-adaptive FEM and local numerical homogenization	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Klimczak, Marek	Cecot, Witold		Modeling of heterogeneous materials using hp-adaptive FEM and local numerical homogenization	20th Inter-Institute Seminar for Young Researchers : Jubilee Session for Professor Zenon Waszczyszyn, October 9-10, 2015 Cracow, Poland : programme and book of abstracts	20th Inter-Institute Seminar for Young Researchers : Jubilee Session for Professor Zenon Waszczyszyn

Cecot, Witold	Oleksy, Marta	Krówczyński, Michał	Study of convergence of the multigrid homogenization	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Łuczkowski, Marcin	Ostapska-Łuczkowska, Katarzyna	Cecot, Witold	Comparison of IGA and FEM for the Poisson benchmark PDE	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Cecot, Witold	Milewski, Sławomir	Orkisz, Janusz	Measurement aided computation of extensible cable deflections	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Maślak, Mariusz	Pazdanowski, Michał	J.Siudut K.Tarsa	Probability-based durability prediction for corroded shell of steel cylindrical tank for liquid fuel storage	Workshop on Quantifying the Value of Structural Health Monitoring : decision theory, SHM strategies, structural performance : proceedings of the 1st Workshop, 04.-05.05.2015, DTU, Denmark : COST Action TU1402	Workshop on Quantifying the Value of Structural Health Monitoring
Pazdanowski, Michał			On decreasing the optimization problem size	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM) – PCM-CMM-2015 Congress, Gdańsk,	PCM-CMM-2015 Congress : 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM)
Maślak, Mariusz	Pazdanowski, Michał	Snela, Małgorzata	Numerically-based quantification of internal forces generated in a steel frame structure with flexible joints when exposed to a fire	Advances in Mechanics: Theoretical Computational and Interdisciplinary Issues : proceedings of the 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM) – PCM-CMM-2015 Congress, Gdańsk,	PCM-CMM-2015 Congress : 3rd Polish Congress of Mechanics (PCM) & 21st International Conference on Computer Methods in Mechanics (CMM)
Maślak, Mariusz	Pazdanowski, Michał	Siudut, Janusz	Kształtowanie elementów w modernizowanych stalowych zbiornikach paliwowych wynikające ze zmian użytkowych oraz wzrastających wymagań środowiskowych	Kształtowanie Konstrukcji, Konstrukcje Cienkościenne : IX Konferencja Naukowo-Techniczna, Rzeszów, 11-12.09.2015	IX Konferencja Naukowo-Techniczna : Kształtowanie Konstrukcji, Konstrukcje Cienkościenne
Maślak, Mariusz	Pazdanowski, Michał	Snela, Małgorzata	Numerically based quantification of internal forces generated in steel sway frame structures with flexible end-plate joints, exposed to fire	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics
Jaworska, Irena	Orkisz, Janusz		On the application of multipoint meshless method to the nonlinear analysis	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
Jaśkowiec, Jan	Milewski, Sławomir		Coupling of finite element method and meshless finite difference method with nonconforming approximation orders	3rd Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics : short papers. Vol. 1	PCM-CMM-2015 : 3rd Polish Congress of Mechanics and 21st Computer Methods in Mechanics

2014

Autor 1	Autor 2	Autor 3	Tytuł	Tytuł źródła	Nazwa Konferencji
Klimczak, Marek	Cecot, Witold		Zastosowanie lokalnej homogenizacji numerycznej oraz hp-adaptacyjnej MES do modelowania niejednorodnych materiałów lepko-sprężystych	TKI'2014 : Techniki Komputerowe w Inżynierii : XIII Konferencja Naukowo-Techniczna, Licheń Stary, 6-9 maja 2014 : streszczenia	TKI'2014 : Techniki Komputerowe w Inżynierii : XIII Konferencja Naukowo-Techniczna
Klimczak, Marek	Cecot, Witold		Modelowanie warstw asfaltowych nawierzchni jezdni	VII Sympozjon : Kompozyty. Konstrukcje warstwowe, [Wrocław-Pawłowice, 15-18 październik 2014] : referaty	VII Sympozjon : Kompozyty. Konstrukcje warstwowe
Orkisz, Janusz	Głowacki, Maciej		On dedicated Evolutionary Algorithms for large non-linear constrained optimization problems in application to residual stresses analysis	11th World Congress on Computational Mechanics (WCCM XI) ; 5th European Conference on Computational Mechanics (ECCM V) ; 6th European Conference on Computational Fluid Dynamics (ECFD VI), Barcelona, Spain, July 20-25 2014	11th World Congress on Computational Mechanics (WCCM XI) ; 5th European Conference on Computational Mechanics (ECCM V) ; 6th European Conference on Computational Fluid Dynamics (ECFD VI)
Orkisz, Janusz	Głowacki, Maciej		On possibility of accelerating evolutionary computation applied to engineering problems	TKI'2014 : Techniki Komputerowe w Inżynierii : XIII Konferencja Naukowo-Techniczna, Licheń Stary, 6-9 maja 2014 : streszczenia	TKI'2014 : Techniki Komputerowe w Inżynierii : XIII Konferencja Naukowo-Techniczna

2013					
Autor 1	**Autor 2**	**Autor 3**	**Tytuł**	**Tytuł źródła**	**Nazwa Konferencji**
Serafin, Marta	Cecot, Witold		Modeling of inelastic materials by multi-scale method with limited number of RVE	COMPDYN 2013 : 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering ; SEECCM III : 3rd South-East European Conference on Computational Mechanics, 12-14 June 2013, Kos Island, Greece	COMPDYN 2013 : 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering ; SEECCM III : 3rd South-East European Conference on Computational Mechanics, 12-14 June 2013, Kos Island, Greece
Serafin, Marta	Cecot, Witold		Modeling error in computational homogenization	3rd Polish-Scottish Workshop on Computational Mechanics and Short Course on Programming Modern FEM Systems, Cracow, May 27-28, 2013 : program, abstracts	3rd Polish-Scottish Workshop on Computational Mechanics and Short Course on Programming Modern FEM Systems
Serafin, Marta	Cecot, Witold		Application of the fully automatic hp-FEM to elastic-plastic problems	MAFELAP 2013 : Conference on the Mathematics of Finite Elements and Applications, 10-14 June 2013 : abstracts	MAFELAP 2013 : Conference on the Mathematics of Finite Elements and Applications, 10-14 June 2013 : abstracts
Serafin, Marta	Cecot, Witold		Estimation of modeling error in homogenization	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics
Klimczak, Marek	Cecot, Witold		hp-adaptive FEM application to modeling of heterogeneous visco-elastic materials	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics
Rachowicz, Waldemar	Zdunek, Adam	Cecot, Witold	Numerical simulations of arteries with an adaptive finite element method	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics
Maślak, Mariusz	Pazdanowski, Michał	Snela, Małgorzata	Moment - rotation characteristics for flexible beam-to-column joint exposed to fire	Dokladi XIII Meždunarodna Naučna Konferenciâ VSU' 2013 : posvetena na 75-godišninata na VSU, 6-7 ûni 2013 g., Sofiâ, B'lgariâ. T. 1 Proceedings 13th International Scientific Conference VSU' 2013 : dedicated to the 75 anniversary of VSU, 6-7 June 2013, Sofia,	13th International Scientific Conference VSU' 2013
Pazdanowski, Michał			On testing the stability of Finite Difference formulas in the solution of a problem having a global-local formulation	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics

Pazdanowski, Michał			On estimating service life of steel structures	Design, Fabrication and Economy of Metal Structures : International Conference Proceedings 2013, Miskolc, Hungary, April 24–26, 2013	International Conference on Design, Fabrication and Economy of Metal Structures
Jaworska, Irena	Orkisz, Janusz		A posteriori error estimation using multipoint meshless finite difference method	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics
Orkisz, Janusz	Głowacki, Maciej		On certain improvements for evolutionary algorithms applied to residual stresses analysis	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics
Orkisz, Janusz	Głowacki, Maciej		On mesh refinement for evolutionary algorithms acceleration applied to large constrained optimization problems	Sixth ACC Cyfronet AGH Users' Conference, Zakopane, 28 February - 1 March 2013 : proceedings	Sixth ACC Cyfronet AGH Users' Conference
Orkisz, Janusz	Głowacki, Maciej		On stress reconstruction using experimental data the PBA and accelerated EA	Proceedings of the ECCOMAS International Conference on Inverse Problems in Mechanics of Structures and Materials, IPM 2013, 24-27 April 2013, Rzeszów - Baranów Sandomierski, Poland : book of abstracts	IPM 2013 : 3rd International Conference on Inverse Problems in Mechanics of Structures and Materials
Magiera, Jacek			Integrated teaching for integrated engineering practice - BIM on campus	20th International Conference on Computer Methods in Mechanics : short papers : [CMM 2013]	CMM 2013 : 20th International Conference on Computer Methods in Mechanics