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E-mail: chgantes@central.ntua.gr, chgantes@alum.mit.eduWeb: <http://users.civil.ntua.gr/chgantes/en/> - LinkedIn: www.linkedin.com/in/CharisGantes**SUMMARY OF ACTIVITIES IN EVALUATION OF ULTIMATE STRENGTH OF STEEL MEMBERS, CONNECTIONS AND STRUCTURES WITH NONLINEAR NUMERICAL ANALYSES****DESIGN AND CONSULTING ACTIVITY**

- Consultant for the structural design of the new passengers' terminal in Souda Harbor, Crete, Greece (2018-2020).
- Consultant for the applicability of rigid stainless steel rods as hangers for the suspended steel roof of LNG tank in Revithousa, Greece (2016).
- Consultant for the structural design of the steel structure supporting the cladding of the "Oval Tower" in Limassol, Cyprus (2015-2016).
- Consultant for the structural design of steel structures providing temporary support for the excavations associated with cut-and-cover construction of the Thessaloniki Metro, Greece (2014-2016).
- Participation in the preliminary, final and construction structural design of the new football stadium (42,000 seats) of the major Greek football team Panathinaikos, in Athens (2006-2009).
- Consultant for the structural design of the cable-suspended steel roof at the archaeological site "Aristotle's Lyceum" on Rigillis Street in Athens (2002-2008).

FUNDED RESEARCH PROJECTS

- "HP-OCF - High Performance Holistic Computational Optimization Platform", Search-Create-Innovate, Greek Secretariat of Research and Technology, Assoc. Prof. N. Lagaros as P.I. (2018-2021).
- "Buckling of Large Diameter Steel Chimneys", CICIND - International Committee for Industrial Chimneys, P.I. (2015).
- "ELISSA - Energy Efficient Lightweight-Sustainable-Safe-Steel Construction", FP7-NMP E2B, Prof. M. Founti as P.I. (School of Mechanical Engineering, NTUA) (2013-2016).
- "ENSSTRAM - Novel Design Concepts for Energy Related Steel Structures using Advanced Materials", Aristeia II program, budget 296,000.00€, P.I. (2013-2015).
- "SeaWind - Performance Based Engineering of Offshore Wind Turbines", Program of Bilateral R&D Greece-Chine Cooperation 2012-2014, NTUA budget 150,000.00€, P.I. of the NTUA research team (2013-2015).
- "Nonlinear behavior of built-up steel columns", PEVE-2011 funded by the National Technical University of Athens, P.I. (2012-2013).
- "AIOLOS - Resolution of Complex Problems in the Analysis of "Next Generation" Wind Turbine Towers", Thalys program, group budget 76,590€, Prof. E. Sapountzakis as P.I. (2012-2015).
- "NAT-SEI-ISO - Innovative design of bridge piers on liquefiable soils with the use of natural seismic isolation", Thalys program, group budget 76,750€, Prof. G. Bouckovalas as P.I. (2012-2015).

- “DeReStAr—Development of structural DEsign REcommendations for Steel ARches”, Marie Curie — Intra-European Fellowships, budget 116,808.55€, P.I. (2009-2010).
- “Beam to column joints in steel frames”, Heraclitus program funded by the Greek Secretariat of Research and Technology, budget 34,466€, P.I. (2004-2006).
- “Flexural-torsional buckling of homogeneous or composite bars with constant or varying cross-section of arbitrary shape”, Pythagoras program funded by the Greek Secretariat of Research and Technology, budget 85,000€, Ass. Prof. E. Sapountzakis as P.I. (2004-2006).

BOOK

- Gantes, C.J., "Gantes, C.J., "Nonlinear Structural Behavior - Emphasis on Metal Structures", Hellenic Academic EBooks, 2016 (in Greek).

<https://repository.kallipos.gr/handle/11419/5318>

SUPERVISION OF DOCTORAL THESES

- Ilias Thanasoulas (January 2020), "Stability Criteria for Tubular-Section Steel Arches".
<https://www.didaktorika.gr/eadd/handle/10442/47176>
- Vassilis Melissianos (July 2016), "Buried Steel Pipelines with Flexible Joints under Faulting".
<https://www.didaktorika.gr/eadd/handle/10442/41960>
- Kostis Kalochairetis (January 2014), "Built-up Steel Columns with Arbitrary Boundary Conditions Subjected to Combined Axial and Transverse Loads".
<https://www.didaktorika.gr/eadd/handle/10442/37419>
- Christoforos Dimopoulos (July 2012), "Stiffening of Manholes in Steel Shells of Wind Turbine Towers - Experimental and Numerical Investigation".
<http://dx.doi.org/10.12681/eadd/27476>
- Giorgos Mageirou (February 2011), "Contribution to the Design of Multi-Story Steel Frames Against Flexural Buckling".
<http://dx.doi.org/10.12681/eadd/24457>
- Minas Lemonis (December 2006), "Beam to Column Joints in Steel Frames".
<https://www.didaktorika.gr/eadd/handle/10442/16852>

BOOK CHAPTERS

- Kato, S., Gantes, C.J. and Fujimoto, M., “Principles for Evaluation of Elastic Buckling Load and Buckling Strength”, *Guide to Buckling Load Evaluation of Metal Reticulated Roof Structures*, edited by S. Kato, International Association for Shell and Spatial Structures (IASS), pp. 23-55, 2014.
https://iass-structures.org/resources/Documents/WG%20Publications%20and%20Reports/WG_08/Draft-Guide-to-Buckling-Load-Evaluation-of-Metal-Reticulated-Roof-Structures_WG08_v20180103.pdf
- Gantes, C.J., “Nonlinear Finite Element Analysis”, *Encyclopedia of Earthquake Engineering*, edited by M. Beer, E. Patelli, I. Kouglioumtzoglou and I. Siu-Kui Au, Springer Verlag, 2014.
doi: http://dx.doi.org/10.1007/978-3-642-36197-5_138-1
- Gantes, C.J., “Numerical Evaluation of Ultimate Bearing Capacity of Steel Structures”, *Civil and Structural Engineering Computational Technology*, edited by B.H.V. Topping and Y. Tsompanakis, Saxe-Coburg Publications, pp. 219-242, 2011.
doi: <http://dx.doi.org/10.4203/csets.28.8>

JOURNAL PUBLICATIONS

- Thanasoulas, I.D. and Gantes, C.J., “Stability Criteria for Roller-Bent Circular-Hollow-Section Steel Arches”, *Journal of Constructional Steel Research*, Vol. 176, 106431, Jan. 2021.
doi: <https://doi.org/10.1016/j.jcsr.2020.106431>
- Thanasoulas, I.D. and Gantes, C.J., “Numerical Investigation on the Residual Stresses of Roller-Bent Circular-Hollow-Sections”, *Journal of Constructional Steel Research*, Vol. 164, 105777, Jan. 2020.
doi: <https://doi.org/10.1016/j.jcsr.2019.105777>
- Thanasoulas, I.D., Douthe, C.E., Gantes, C.J. and Lignos, X.A., “Influence of Roller Bending on RHS Steel Arches: Experimental and Numerical Investigation”, *Thin-Walled Structures*, Vol. 131, pp. 668-680, Oct. 2018.
doi: <https://doi.org/10.1016/j.tws.2018.07.027>
- Thanasoulas, I.D., Vardakoulas, I.K., Kolaitis, D.I., Gantes, C.J. and Founti, M.A., “Coupled Thermo-Mechanical Simulation for the Performance-based Fire Design of CFS Drywall Systems”, *Journal of Constructional Steel Research*, Vol. 145, pp. 196-209, June 2018.
doi: <http://dx.doi.org/10.1016/j.jcsr.2018.02.022>
- Vassilopoulou, I., Kaymenaki, V., Gantes, C.J. and Bouckovalas, G., “Criteria for Preliminary Design of an Arched Steel Bridge on Shallow Foundation under Soil Liquefaction Conditions”, *The Open Civil Engineering Journal*, Bentham Open, Vol. 11, Suppl-5, M10, pp. 1170-1190, 2017.
doi: <http://dx.doi.org/10.2174/1874149501711011170>
- Melissianos, V.E., Vamvatsikos, D. and Gantes, C.J., “Performance-Based Assessment of Protection Measures for Buried Pipes at Strike-Slip Fault Crossings”, *Soil Dynamics and Earthquake Engineering*, Vol. 101, pp. 1-11, Oct. 2017.
doi: <http://dx.doi.org/10.1016/j.soildyn.2017.07.004>
- Melissianos, V.E., Vamvatsikos, D. and Gantes, C.J., “Performance Assessment of Buried Pipelines at Fault Crossings”, *Earthquake Spectra*, Vol. 33, No. 1, pp. 201-218, Feb. 2017.
doi: <http://dx.doi.org/10.1193/122015EQS187M>
- Gantes, C.J. and Melissianos, V.E., “Evaluation of Seismic Protection Methods for Buried Fuel Pipelines Subjected to Fault Rupture”, *Frontiers in Built Environment*, Vol. 2, Article 34, 2016.
doi: <http://dx.doi.org/10.3389/fbuil.2016.00034>
- Livanou, M.A. and Gantes, C.J., “Assessing the Necessity to Account for Geometric Nonlinearity in von Mises Trusses Representing Simple Shallow Roofs”, *Journal of the International Association for Shell and Spatial Structures (IASS Journal)*, Vol. 57, No. 4, n. 190, pp. 261-266, December 2016.
doi: <http://dx.doi.org/10.20898/j.iass.2016.190.851>
- Thanasoulas, I.D., Vardakoulas, I.K., Kolaitis, D.I., Gantes, C.J. and Founti, M.A., “Thermal and Mechanical Computational Study of Load-Bearing Cold-Formed Steel Drywall Systems Exposed to Fire”, *Fire Technology*, Vol. 52, Issue 6, pp. 2071-2092, Nov. 2016.
doi: <http://dx.doi.org/10.1007/s10694-016-0604-4>
- Melissianos, V.E., Korakitis, G.P., Gantes, C.J. and Bouckovalas, G.D., “Numerical Evaluation of the Effectiveness of Flexible Joints in Buried Pipelines Subjected to Strike-Slip Fault Rupture”, *Soil Dynamics and Earthquake Engineering*, Vol. 90, pp. 395-410, Nov. 2016.
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- Melissianos, V.E. and Gantes, C.J., “Buckling and Post-buckling Behavior of Beams with Internal Flexible Joints Resting on Elastic Foundation Modeling Buried Pipelines”, *Structures*, Vol. 7, pp. 138-152, Aug. 2016.
doi: <http://dx.doi.org/10.1016/j.istruc.2016.06.007>
- Dimopoulos, C.A., Koulatsou, K., Petrini, F. and Gantes, C.J., “Assessment of Stiffening Type of the Cutout in Tubular Wind Turbine Towers under Artificial Dynamic Wind Actions”, *Journal of Computational and Nonlinear Dynamics (ASME)*, Vol. 10, No. 4, pp. 041004-1 - 041004-9, July 2015.
doi: <http://dx.doi.org/10.1115/1.4028074>
- Dimopoulos, C.A. and Gantes, C.J., “Numerical Methods for the Design of Cylindrical Steel Shells with Unreinforced or Reinforced Cutouts”, *Thin-Walled Structures*, Vol. 96, pp. 11-28, 2015.
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- Margariti, G. and Gantes, C.J., “Linear and Nonlinear Buckling Response and Imperfection Sensitivity of Cable-Stayed Masts and Pylons”, *Structural Engineering International*, Vol. 25, Number 1, pp. 43-49, Feb. 2015.
doi: <http://dx.doi.org/10.2749/101686614X14043795570255>
- Margariti, G. and Gantes, C.J., “Critical Buckling Load and Nonlinear Post-Buckling Response of Guyed Towers”, *Journal of the International Association for Shell and Spatial Structures (IASS Journal)*, Vol. 55, No. 4, n. 182, pp. 229-235, December 2014.
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- Gantes, C.J., Livanou, M.A. and Avraam, T.P., “New Insight into Interaction of Buckling Modes with Stable Post-Buckling Response”, *Arabian Journal for Science and Engineering*, Vol. 39, Issue 12, pp. 8559-8572, December 2014.
doi: <http://dx.doi.org/10.1007/s13369-014-1436-5>
- Kalochairetis, K.E. Gantes, C.J. and Lignos, X.A., “Experimental and Numerical Investigation of Eccentrically Loaded Laced Built-Up Steel Columns”, *Journal of Constructional Steel Research*, Vol. 101, pp. 66-81, October 2014.
doi : <http://dx.doi.org/10.1016/j.jcsr.2014.04.032>
- Mageirou, G.E., Gantes, C.J., Markou, K.P. and Bouras, C.G., “A Unified Approach for Assessment of Second-Order Effects and Sway Buckling Strength in Steel Portal Frames”, *International Journal of Structural Engineering*, Vol. 4, No. 4, pp. 273-294, 2013.
doi: <http://dx.doi.org/10.1504/IJSTRUCTE.2013.056979>
- Gantes, C.J. and Bouckovalas, G.D., “Seismic Verification of High Pressure Natural Gas Pipeline Komotini - Alexandroupolis - Kipi in Areas of Active Fault Crossings”, *Structural Engineering International*, Vol. 23, Number 2, pp. 204-208, May 2013.
doi: <http://dx.doi.org/10.2749/101686613X13439149157164>
- Dimopoulos, C.A. and Gantes, C.J., “Comparison of Stiffening Types of the Cutout in Tubular Wind Turbine Towers”, *Journal of Constructional Steel Research*, Vol. 83, pp. 62-74, April 2013.
doi: <http://dx.doi.org/10.1016/j.jcsr.2012.12.016>
- Dimopoulos, C.A. and Gantes, C.J., “Comparison of Alternative Algorithms for Buckling Analysis of Slender Steel Structures”, *Structural Engineering and Mechanics*, Vol. 44, No. 2, pp. 219-238, 2012.
doi: <http://dx.doi.org/10.12989/sem.2012.44.2.219>
- Gantes, C.J. and Kalochairetis, K.E., “Axially and Transversely Loaded Timoshenko and Laced Built-up Columns with Arbitrary Supports”, *Journal of Constructional Steel Research*, Vol. 77, pp. 95-106, October 2012.

doi: <http://dx.doi.org/10.1016/j.jcsr.2012.05.004>

- Kalochairetis, K.E. and Gantes, C.J., “Elastic Buckling Load of Multi-Story Frames Consisting of Timoshenko Members”, *Journal of Constructional Steel Research*, Vol. 71, pp. 231-244, April 2012.

doi: <http://dx.doi.org/10.1016/j.jcsr.2011.11.007>

- Kalochairetis, K.E. and Gantes, C.J., “Numerical and Analytical Investigation of Collapse Loads of Laced Built-up Columns”, *Computers & Structures*, Vol. 89, Issues 11-12, pp. 1166-1176, June 2011.

doi: <http://dx.doi.org/10.1016/j.compstruc.2010.10.018>

- Gantes, C.J. and Fragkopoulos, K.A., “Strategy for Numerical Verification of Steel Structures at the Ultimate Limit State”, *Structure and Infrastructure Engineering*, Vol. 6, Issue 1-2, pp. 225-255, February 2010.

doi: <http://dx.doi.org/10.1080/15732470802664449>

CONFERENCE PUBLICATIONS

- Koulatsou, K.G., Chondrogiannis, K.-A. and Gantes, C.J., “Structural Optimization of Tubular Steel Wind Turbine Towers with Respect to Buckling”, *Form and Force: IASS Annual Symposium 2019 - Structural Membranes 2019*, C. Lázaro, K.-U. Bletzinger and E. Oñate (Eds.), pp. 823-830, Barcelona, Spain, 7 - 10 Oct. 2019.

doi: <http://dx.doi.org/10.5281/zenodo.3564186>

- Melissianos, V.E., Vamvatsikos, D.J. and Gantes, C.J., “Empirical Relation to Predict Buckling Failure of Buried Pipelines under Inverse Fault Activation”, *4th PSAMTS, 4th Hellenic Conference of Earthquake Engineering and Technical Seismology*, Athens, 5-7 Sep. 2019 (in Greek).

- Melissianos, V.E. and Gantes, C.J., “Protection Measures for Buried Steel Pipelines Subjected to Fault Rupture”, *ICONHIC2019, 2nd International Conference on Natural Hazards & Infrastructure*,

- Vernardos, S.M., Papageorgiou, N. and Gantes, C.J., “Nonlinear Finite Element Analysis of Steel-Concrete-Steel Sandwich Wind Turbine Towers”, *International Association for Shell and Spatial Structures (IASS) Symposium 2018 - Creativity in Structural Design*, Boston, U.S.A., 16-20 July, 2018.

doi: <http://dx.doi.org/10.5281/zenodo.3564060>

- Thanasoulas, I.D. and Gantes, C.J., “Effects of Roller-Bending on Curved Constructional Steels of Rectangular Hollow Section”, *International Association for Shell and Spatial Structures (IASS) Symposium 2018 - Creativity in Structural Design*, Boston, U.S.A., 16-20 July, 2018.

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- Melissianos, V.E., Vamvatsikos, D.J. and Gantes, C.J., “Performance Assessment of Protection Measures of Buried Pipelines under Activation of Seismic Fault”, *2nd Young Researchers Workshop ETAM - NTUA “Earthquake Engineering through the Scientific Viewpoint of Young Researchers and Engineers”*, NTUA School of Civil Engineering, 3 November 2017 (abstract only, in Greek).

- Koulatsou, K., Aggelopoulos, J., Thanasoulas, I.D., Ntaifoti, A., Kalivas, S., Georgiou, O., Louka, A., Likomitros, V., Gkologianis, C.P. and Gantes, C.J., “Support Steel Structure of the Cladding and the Dome of the “Oval Tower” Building at Limassol of Cyprus”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).

- Thanasoulas, I.D., Vardakoulas, I.K., Kolaitis, D.I., Gantes, C.J. and Founti, M.A., “Nonlinear Numerical Simulation of Fire Resistance Tests for Load-Bearing Cold-Formed Steel Drywall Systems”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).

- Leontaris, K., Roussos, N., Villi, M. and Gantes, C.J., “Design of the Steel Bracing for the Temporary Support of Deep Excavations through Nonlinear Numerical Analysis”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).

- Livanou, M.A., Katsidoniotaki, M., Gantes, C.J. and Avraam, T.P., “Analytical and Numerical Investigation of Flexural Buckling of Members in Double-Pitched Plane Steel Frames”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).
- Karvelis, A.C., Melissianos, V.E. and Gantes, C.J., “Local Buckling Investigation of Buried Steel Pipelines due to Seismic Fault Activation”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).
- Angelides, M., Gantes, C.J. and Kalochairetis, K.E., “Buckling of Large Diameter Industrial Steel Chimneys”, *9th Hellenic National Conference on Steel Structures*, Larissa, Greece, 5-7 Oct. 2017 (in Greek with English summary).
- Livanou, M.A. and Gantes, C.J., “Assessing the Necessity to Account for Geometric Nonlinearity in von Mises Trusses Representing Simple Shallow Roofs”, *International Association for Shell and Spatial Structures (IASS) Symposium 2016*, Tokyo, Japan, 26-30 September 2016.
- Angelides, M., Gantes, C.J. and Kalochairetis, K.E., “Buckling of Large Diameter Steel Chimneys - Part 2: Impact of Openings”, *CICIND Report - The Chimney Magazine*, Vol. 32, No. 1, pp. 57-66, January 2016, *Proceedings of 84th CICIND Conference*, Gdansk, Poland, Sep. 24-26, 2015.
- Melissianos, V.E., Vamvatsikos, D.J. and Gantes, C.J., “Probabilistic Assessment of Innovative Mitigating Measures for Buried Steel Pipeline - Fault Crossing”, *2015 ASME Pressure Vessels & Piping Conference*, Boston, Massachusetts, 19-23 July 2015.
- Ntaifoti, A.I., Koulatsou, K.G. and Gantes, C.J., “Numerical Simulation of Flange-Bolt Interaction in Wind Turbine Tower Connections”, *8th GRACM International Congress on Computational Mechanics*, Volos, Greece, 12-15 July 2015.
- Melissianos, V.E. and Gantes, C.J., “Failure Mitigation of Buried Steel Pipeline under Strike-Slip Fault Offset Using Flexible Joints”, *SECED 2015 Conference: Earthquake Risk and Engineering towards a Resilient World*, Cambridge, U.K., 9-10 July 2015.
- Thanasoulas, I.D., Vardakoulis, I.K., Kolaitis, D.I., Gantes, C.J. and Founti, M.A., “A Preliminary Thermal and Mechanical Simulation Study of Load-Bearing Cold-Formed Steel Drywall Systems Exposed to Fire”, *2nd ESFSS - 2nd European Symposium of Fire Safety Science*, Nicosia, Cyprus, 16-18 June 2015.
- Melissianos, V.E., Vamvatsikos, D.J. and Gantes, C.J., “Probabilistic Assessment of Pipeline - Fault Crossing”, *COMPDYN 2015 - 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering*, M. Papadrakakis, V. Papadopoulos, V. Plevris (eds.), Crete Island, Greece, 25-27 May 2015.
- Angelides, M., Gantes, C.J. and Kalochairetis, K.E., “Buckling of Large Diameter Steel Chimneys - Part 1: Impact of Loading Distribution and Ring Stiffeners”, *CICIND Report - The Chimney Magazine*, Vol. 31, No. 2, pp. 109-120, July 2015, *Proceedings of 83rd CICIND Conference*, Boston, May 7-8, 2015.
- Melissianos, V.E. and Gantes, C.J., “On the Efficiency of Flexible Joints in Mitigating the Consequences of Seismic Fault Activation on Buried Pipelines”, *ARC'14 - Qatar Foundation Annual Research Conference*, Doha, Qatar, 18-19 Nov. 2014.
- Kaimenaki, V., Vassilopoulou, I., Gantes, C.J. and Bouckovalas, G.D., “Assessment of Sensitivity of an Arched Steel Bridge to Imposed Horizontal Soil Displacements”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).
- Thanasoulas, I., Koulatsou, K. and Gantes, C.J., “Nonlinear Numerical Simulation of the Response of Bolted Ring Flanges in Wind Turbine Towers”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).

- Livanou, M.A. and Gantes, C.J., “Interaction of Inelastic Global and Local Buckling in Steel Bars under Compression”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).
- Melissianos, V.E., Gantes, C.J. and Kalfantis, P.P., “Upheaval Buckling Risk Assessment of Buried Steel Pipelines due to Reverse Seismic Fault Activation”, *8th Greek National Steel Structures Conference*, Tripoli, 2-4 Oct. 2014 (in Greek with English summary).
- Livanou, M.A. and Gantes, C.J., “Investigation of Interaction between Global and Local Buckling in Rods Subjected to Compression”, *IASS-SLTE 2014 Symposium*, Brasilia, Brazil, Sep. 15-19, 2014.
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- Kalochairetis, K.E. and Gantes, C.J., “Collapse Load of Laced Built-up Members: Experimental, Numerical and Analytical Investigation”, *EuroSteel 2014, 7th European Conference on Steel and Composite Structures*, Napoli, Italy, Sept. 10-12, 2014.
- Melissianos, V.E. and Gantes, C.J., “Earthquake Induced Upheaval Buckling of Buried Pipelines with Flexible Joints”, *2ECEES - 2nd European Conference on Earthquake Engineering and Seismology*, M.A. Ansal and M. Nurlu (eds.), Istanbul, Turkey, Aug. 24-29, 2014.
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- Koulatsou, K., Dimopoulos, C.A. and Gantes, C.J., “Evaluation of Stiffening Types of the Cutout in Tubular Wind Turbine Towers via Dynamic Analysis”, *International Association for Shell and Spatial Structures (IASS) Symposium 2013 “Beyond the Limits of Man”*, J.B. Obrębski and R. Tarczewski (eds.), Wroclaw University of Technology, Poland, Sep. 23-27, 2013.
- Kalochairetis, K.E. and Gantes, C.J., “Experimental and Numerical Investigation of Collapse Load of Laced Built-up Columns”, *International Association for Shell and Spatial Structures (IASS) Symposium 2013 “Beyond the Limits of Man”*, J.B. Obrębski and R. Tarczewski (eds.), Wroclaw University of Technology, Poland, Sep. 23-27, 2013.
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- Gantes, C.J., Kalochairetis, K.E. and Akgün, Y., “On the Trade-off between Structural Performance and Deployability”, *1st Conference Transformables 2013*, F. Escrig and J. Sanchez (eds.), Seville, Spain, Sep. 18-20, 2013.
- Dimopoulos, C.A. and Gantes, C.J., “Comparison of Stiffening Types of the Cutout in Cylindrical and Conical Steel Wind Turbine Towers”, *CanCNSM2013: 4th Canadian Conference on Nonlinear Solid Mechanics*, Montreal, Canada, July 23-26, 2013.
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- Hadjioannou, M., Douthe, C. and Gantes, C.J., “Elastoplastic Behavior of Cold Bent Wide Flange Sections”, *7^ο Εθνικό Συνέδριο Μεταλλικών Κατασκευών*, Βόλος, 29-30 Σεπ. και 1 Οκτ. 2011.
- Lemonis, M.E. and Gantes, C.J., “Calibration of an Analytical Model for the Cyclic Response of Beam-to-Column Connections”, *7th Greek National Steel Structures Conference*, Volos, Sep. 29 - Oct. 1, 2011 (in Greek with English summary).
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