

LISTA TUTUROR LUCRĂRILOR PUBLICATE

Ing. István Demeter

Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate ISI

- [1] I. Demeter, T. Nagy-György, V. Stoian and D. Dan, “Quasi-static loading strategy for earthquake simulation on precast RC shear walls.” Proc., 12th WSEAS International Conference on Systems, WSEAS Press, Vol. 2, pp. 813-819, 2008.
- [2] Dan D., Stoian V., Nagy-György T., Demeter I., Floruț C., Experimental Studies on Steel and Steel Concrete Composite Joints for Buildings, WSEAS EMESEG’08, Greece, 2008, ISBN 978-960-6766-88-6, ISSN 1790-2769, pp. 90-95.
- [3] D. Dan, V. Stoian, T. Nagy Gyorgy, I. Demeter - Experimental Studies on Steel and Steel Concrete Composite Joints Under Symmetrical and Asymmetrical Loads, STESSA’09, 16-20 august Philadelphia USA, ISBN 978-0-415-56326-0.
- [4] D. Diaconu, T. Nagy-Gyorgy, V. Stoian, D. Dan, S. C. Floruț, C. Al. Dăescu, I. Demeter - Economic Assessment Of Different Shear Strengthening Methods For Clay Brick Masonry Walls, Protection of Historical Buildings, PROHITECH 09, Rome, Italy 21-24 June 2009, 6pp. 1653-1658, vol. II, ISBN 978-0-415-55805-1 (for 2nd volume) 978-0-415-55803-7.
- [5] T. Nagy-Gyorgy, V. Stoian, D. Dan, C. Al. Dăescu, I. Demeter, Diaconu Dan – Experimental Assessment On Shear Strengthening Of Clay Brick Masonry Walls Using Different Techniques, Protection of Historical Buildings, PROHITECH 09, Rome, Italy 21-24 June 2009, 6pp. 1275-1280, vol. II, ISBN 978-0-415-55805-1 (for 2nd volume) 978-0-415-55803-7.
- [6] Dan, D., Fabian, A., and Demeter, I. (2009) “Theoretical and experimental studies regarding the thermal rehabilitation of a student's hostel.” Proc., The 11th WSEAS Intl. Conf. on Sustainability in Science Engineering (SSE’09), pp. 463-468, ISBN 978-960-474-080-2.

Lucrări științifice publicate în reviste de specialitate (BDI)

- [1] I. Demeter, T. Nagy-György, V. Stoian, D. Dan, and C. A. Dăescu, “Strengthening strategies using FRP composites for precast RC wall panels with wide cut-out openings” Supplement No. 1 to the Annals of University of Oradea, Constructions and Hydro-Utility Installations, University of Oradea, Vol. 13-2, pp. 83-90, 2010.

Lucrări publicate în volumele unor manifestări științifice (Proceedings) din străinătate (țări UE sau comparabile)

- [1] I. Demeter, “RC wall panels strengthened with FRP composites.” Proc., 7th International PhD Symposium in Civil Engineering, Stuttgart, Germany, CD-ROM Paper No. 5.1, 2008.
- [2] Sas G., Demeter I., Carolin A., Nagy-György T., Stoian V, Täljsten B., FRP strengthened RC panels with cut-out openings, Challenges for Civil Construction (CCC 2008), Porto, Portugalia, 2008, ISBN 978-972-752-100-5, pp.196-197(+8)
- [3] Dăescu C., Stoian V., Nagy-György T., Dan D., Demeter I., Ductility increasing for concrete columns – experimental results, Fourth International Conference on FRP Composites in Civil

- Engineering (CICE2008), Zurich, Switzerland, 2008, ISBN 978-3-905594-50-8, pp. 56 (+6 pp.).
- [4] Nagy-György T., Stoian V., Dan D., Dăescu C., Diaconu D., Demeter I., RC Beams Strengthened with FRP Systems – Results in Dapped-ends and Increase of Flexural Capacity, IABSE, Chicago, 2008, ISBN 978-3-85748-118-5, pp. 86-87 (+6pp).
- [5] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “Seismic retrofit of precast RC wall panels with cut-out openings using FRP composites.” Proc., 9th International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures (FRPRCS-9), Sydney, Australia, The University of Adelaide, Paper No. 213, 2009.
- [6] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “Precast RC wall panels with cut-out openings retrofitted by FRP composites.” Proc., 33rd IABSE Symposium, Sustainable Infrastructure Environment friendly, Safe and Resource efficient, IABSE, pp. 462-463, 2009.
- [7] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “Precast RC wall panels with cut-out openings retrofitted by CFRP composites.” Proc., 11th National and 5th International Scientific Meeting, Planning, Design, Construction and Building Renewal (iNDiS 2009), University of Novi Sad, pp. 157-164, 2009.
- [8] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “Seismic performance of precast RC wall panels with cut-out openings retrofitted by externally bonded CFRP composites.” Proc., 3rd fib International Congress and PCI Convention & Bridge Conference (fib 2010), PCI, Paper No. 593, 2010.
- [9] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “Seismic performance of precast RC wall panels with cut-out openings” Proc., 14th European Conference on Earthquake Engineering (14ECEE), MAEE, Paper No. 1004, 2010.
- [10] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, “FRP composites for seismic retrofitting of RC wall panels with cut-out openings” Proc., First International Conference on Structures and Architecture (ICSA2010), CRC Press, Balkema, Taylor & Francis, Paper No. 240, pp. 1902-1908, 2010.
- [11] Dan D., Stoian V., Nagy-György T., Fabian A., Dăescu C., Floruț C., Demeter I. “The behaviour of steel and steel concrete composite joints” First International Conference on Structures and Architecture (ICSA2010), Guimaraes, Portugal, July 2010, ISBN 978-0-415-49249-2.
- [12] I. Demeter, T. Nagy-György, C. A. Dăescu, V. Stoian and D. Dan, “Strengthening strategies using FRP composites for precast RC wall panels with cut-out openings” Proc., Building Services, Mechanical and Building Industry Days, University of Debrecen, pp. 680-688, 2010, (in Hungarian).

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- [3] I. Demeter, T. Nagy-György and V. Stoian, “Experimental program description concerning the strengthening and seismic retrofit of RC wall panels with cut-out openings using FRP composites.” Proc., 11th International Conference of civil Engineering and Architecture, EMT, 2007, (in Hungarian).

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- [8] I. Demeter, T. Nagy-György and V. Stoian, "Earthquake damaged precast RC wall panels with cut-out openings retrofitted by CFRP composites." Proc., XIIIth Conference on Civil Engineering and Architecture, EMT, pp. 104-111, 2009, (in Hungarian).
- [9] I. Demeter, T. Nagy-György and V. Stoian, "Kivágott ajtónyílású előregyártott vasbeton tartófalak földrengésállósági vizsgálat", Proc., X. RODOSZ, Kolozsvár, ISBN 978-973-88970-8-3, pp 240-249, 2009, (in Hungarian).
- [10] I. Demeter, T. Nagy-György, V. Stoian, C. A. Dăescu and D. Dan, "Seismic strengthening of precast RC wall panels by CFRP composites." Proc., 4th National Conference on Earthquake Engineering (4CNIS), Technical University of Civil Engineering of Bucharest, Vol. 2, pp. 251-256, 2009, (in Romanian).