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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 SEISMIC DESIGN OF MIXED STRUCTURES
WITH REINFORCED CONCRETE SUB-STRUCTURE AND STEEL SUPER-STRUCTURE****FUNDED RESEARCH PROJECTS**

- “Seismic design of mixed concrete-steel structural systems”, PENED-2003 funded by the Greek Secretariat of Research and Technology, budget 69,000€, P.I. (2005-2008).

SUPERVISION OF DOCTORAL THESES

- Thanasis Papageorgiou (February 2011), "A Contribution to the Analysis Methods for the Seismic Design of Irregular in Height Concrete/Steel Structures".

<http://dx.doi.org/10.12681/eadd/24308>

BOOK CHAPTERS

- Papageorgiou, A.V. and Gantes, C.J., “Mixed in-height Concrete-Steel Buildings under Seismic Actions: Modeling and Analysis”, *Encyclopedia of Earthquake Engineering*, edited by M. Beer, E. Patelli, I. Kougiumtzoglou and I. Siu-Kui Au, Springer Verlag, 2014.

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JOURNAL PUBLICATIONS

- Papageorgiou, A.V. and Gantes, C.J., “Equivalent Uniform Damping Ratios for Linear Irregularly Damped Concrete/Steel Mixed Structures”, *Soil Dynamics and Earthquake Engineering*, Vol. 31, Issue 3, pp. 418-430, March 2011.

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- Papageorgiou, A.V. and Gantes, C.J., “Equivalent Modal Damping Ratios for Concrete/Steel Mixed Structures”, *Computers & Structures*, Vol. 88, Issues 19-20, pp. 1124-1136, October 2010.

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- Papageorgiou, A.V. and Gantes, C.J., “Decoupling Criteria for Inelastic Irregular Primary/Secondary Structural Systems Subject to Seismic Excitation”, *Journal of Engineering Mechanics*, A.S.C.E., Vol. 136, Issue 10, pp. 1234-1247, October 2010.

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CONFERENCE PUBLICATIONS

- Papageorgiou, A.V. and Gantes, C.J., “Equivalent Damping Coefficients for Irregular in Height Concrete/Steel Structures and their Application in the Greek Seismic Code”, *3rd Greek National Conference of Earthquake Engineering and Engineering Seismology*, Athens, 5 - 7 November 2008 (in Greek).

- Papageorgiou, A.V. and Gantes, C.J., “Decoupling Criteria of Mixed Steel-Concrete Structures with Elastoplastic Material Law”, *6th Greek National Steel Structures Conference*, Ioannina, 2-4 Oct. 2008, Vol. I, pp. 318-325 (in Greek with English summary).
- Papageorgiou, A.V. and Gantes, C.J., “Modal Damping Ratios for Irregular in Height Concrete / Steel Structures”, *5th European Workshop on the Seismic Behavior of Irregular and Complex Structures*, Catania, Italy, Sep. 16-17, 2008, pp. 157-168.
- Papageorgiou, A.V. and Gantes, C.J., “Equivalent Uniform Damping Ratios for Irregular in Height Concrete / Steel Structural Systems”, *5th European Conference on Steel and Composite Structures*, Graz, Austria, Sep. 3-5, 2008, pp. 1485-1490.
- Papageorgiou, A.V. and Gantes, C.J., “Decoupling Criteria for the Dynamic Response of Primary/Secondary Structural Systems”, *4th European Workshop on the Seismic Behavior of Irregular and Complex Structures*, Thessaloniki, Greece, Aug. 26-27, 2005.