Published work and research reports
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1. Papers in journals

1.1**. Iancovici, M**., 2001, *The assessment of the reinforced concrete building structures seismic performance based on the elements performance,* Bulletin of International Institute of Seismology and Earthquake Engineering, Building Research Institute, Tsukuba, Japan, pp. 239-251, 10 p, ISSN 0074-6606.

1.2. **Iancovici, M**., 1997, *The influence of axial deformation on the dynamic response of multistory frames*. M.Sc. Thesis, Technical University of Civil Engineering Bucharest, 1997, 30 p (in Romanian).

1.3. Macavei, Fl., Zanfir, M., Enache, R., **Iancovici, M**., 1997, *The iterative solving of structures with linear, planar and space topology, with compact storage of the stiffness matrix*. Scientific Bulletin of Technical University of Civil Engineering Bucharest, No.3/1997, pag. 3-15, 12 p (in Romanian).

2. *Papers in the proceedings of national conferences/seminars/workshops*

2.1. Demetriu, S., Ifrim, M., **Iancovici, M**., 2001, *Amplitude, duration and frequency content characteristics of basic strong motion records,* Proceedings of 2nd National Conference of Earthquake Engineering, Bucharest, November 8-9, 2001, 11 p (in Romanian).

3. *Papers in the proceedings of international conferences/seminars/workshops*

3.1. Fritz, W., Diniz, S., **Iancovici, M**, Riley, M.A., Simiu, E., 2005*, Probabilistic description of tall building response to wind: Database-assisted design, dynamics, and wind directionality effects*. ICOSSAR'05, Rome, June 2005, 10 p.

3.2. Diniz, S., **Iancovici, M**., Fritz, W., Riley, M., Simiu, E., 2004, *Probabilistic Performance Criteria for Tall Buildings Subjected to Wind Loads*. Wind and Seismic Effects, Proceedings of the 36th US-Japan Joint Panel Meeting, NIST Special Publication 1027, pag. 157-162, 6 p.

3.3. *Fritz, W*., **Iancovici, M.**, *Simiu, E.,* 2004, *Applicability of Database-assisted design to tall buildings*. Flow Induced Vibration Conference, Ecole Polytechnique, Paris 6-9th July, 2004, 6 p.

3.4. **Iancovici, M**., Riley, M., Sadek, F., Simiu, E., 2003, *Wind effects on high-rise buildings: Database-assisted design versus the high-frequency force-balance technique*, Eleventh Conference on Wind Engineering, Lubbock, TX, pp. 276-285, 9 p.

3.5. Vacareanu, R., Lungu, D., Cornea, T., **Iancovici, M.**, 2002, *Assessment of seismic behavior and fragility of buildings using HAZUS and ATC-40 Methodology - Case studies*, International Conference on Earthquake Loss Estimation and Risk Reduction, Bucharest, Romania, vol.2, pp. 33-41, 8 p.

3.6. **Iancovici, M**., Fukuyama, H., Kusunoki, K., 2002, *The assessment of the reinforced concrete building structures based on the seismic performance concept.* Fifth International Congress on Advances in Civil Engineering, Turkey, vol.1, pp. 555-564, 10 p.

4. Ph.D.

Iancovici, M., 2005, *Evaluarea performantei structurale a cladirilor de beton armat*. Teza de doctorat, *Universitatea Tehnica de Constructii Bucuresti*, 260 p. (in Romanian).

Ph.D. reports

4.1. **Iancovici, M**., 2002, *Aspecte generale ale performantei structurale a cladirilor de beton armat*. Referat de cercetare stiintifica la teza de doctorat, Universitatea Tehnica de Constructii Bucuresti, 28 p. (in Romanian).

4.2. **Iancovici, M**., 2002, *Probleme actuale in evaluarea performantei structurale a cladirilor de beton armat*. Referat de cercetare stiintifica la teza de doctorat, Universitatea Tehnica de Constructii Bucuresti, 29 p. (in Romanian).

4.3. **Iancovici, M**., 2002, *Solutii pentru rezolvarea problemelor practice in evaluarea performantei structurale a cladirilor de beton armat*. Referat de cercetare stiintifica la teza de doctorat, Universitatea Tehnica de Constructii Bucuresti, 35 p. (in Romanian).

5. Research contracts

At Technical University of Civil Engineering, Bucharest

As contract responsible:

As contract co-author: 10

At National Institute for Building Research, INCERC Bucharest:

As contract responsible:

As contract co-author: 1

At National Institute of Standards and Technology (NIST), U.S.A:

As contract responsible:

As contract co-author: 1

6. Research reports

Iancovici, M., 2001, *Analytical and structural testing comparative performance assessment of reinforced concrete beams,* International Institute of Seismology and Earthquake Engineering, Building Research Institute, Tsukuba, Japan, 30 p.