



Hasan Ostadhossein

Assistant Professor

College: Faculty of Engineering

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Education

Degree	Graduated in	Major	University
BSc	1999	Civil Engineering	University of Tehran
MSc	2001	Structural Engineering	University of Tehran
Ph.D	2008	Structural Engineering	University of Tehran

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	(not set)

Papers in Conferences

1. A. Baghbani, H. Ostadhossein. Numerical investigation of the bearing time of reinforced concrete beams against fire. Δ NFUS, Tehran, ۱۴۰۲.
2. S. Shiravi, M. Khoda bakhsh, H. Ostadhossein. Comparison of eccentric and concentric braces for MRF seismic rehabilitation. ۱۳th NCCE, Tabriz, ۱۴۰۰ ۰۶ ۲۹.
3. A. Jaafari Deligani, H. Ostadhossein, A. Baghbani. Effect of fire on collapse loading of reinforced concrete beam. ۱۳th NCCE, Tabriz, ۱۴۰۰ ۰۶ ۲۹.
4. A. Bahrami Taghanaki, H. Ostadhossein. Evaluation of damping ratio in historic buildings. ۱۳nd SRSH, Tehran, ۱۴۰۹ ۰۲ ۲۳.
5. A. Naeimi, H. Ostadhossein. Seismic assessment of Fakhr mosque case study. ۱۳nd SRSH, Tehran, ۱۴۰۹ ۰۲ ۲۳.
6. F. Musavinejad, H. Ostadhossein. Performance based design of moment resisting frame and comparison with force based design. I.RAST, ۱۴۰۱.
7. S. M. H. Kamel, H. Ostadhossein, A. Pachenari. Comparison of direct displacement based design and force based design for moment resisting frame (Part I). I.RAST, ۱۴۰۱.
8. S. M. H. Kamel, H. Ostadhossein, A. Pachenari. Comparison of direct displacement based design and force based design for moment resisting frame (Part II). I.RAST, ۱۴۰۱.

9. H. Ostadhossein, S. Lotfi, Performance of sacrificial infill steel panel against impulsive blast loading, I.RAST, 2014.
10. H. Ostadhossein, S. Lotfi, Steel plate behavior against blast loading, 6th NCNMS, 2016.
11. H. Ostadhossein, M. Ghafouri, H. Alinaghipoor, Study on physical and mechanical specifications of gypsum for industrialization, 6th NCNMS, 2016.
12. H. Ostadhossein, Using CSPM mesh-free method in crack propagation of brittle materials, 10th ICCE, 2016.
13. H. Ostadhossein, S. Farahani, Efficiency of Iranian seismic code to satisfy expected structural performance level, 10th ICCE, 2016.
14. A. Sharifi, H. Ostadhossein, Seismic analysis of above ground structures on tunnel location, 10th ICCE, 2016.
15. E. Marashi, H. Ostadhossein, Crack propagation in concrete massive dams, 8th NCCE, 2014.
16. B. Moghaddam, H. Ostadhossein, Excavation effect on surrounding structures damage, 8th NCCE, 2014.
17. M. Shabkhan, H. Tahghighi, H. Ostadhossein, Seismic nonlinear analysis of single pile in layered soil, 8th NCCE, 2014.
18. H. Ostadhossein, Performance evaluation of industrial structures against blast, 8th NCCE, 2014.
19. H. Ostadhossein, Dynamic Increase Factor Estimation for Concrete Tensile Strength Using a Particle Method, COMPLAS, 2013.
20. H. Ostadhossein, S. Mohammadi, A new approach for elimination of dissipation and dispersion errors in particle methods, ECCM, 2006.
21. H. Ostadhossein, S. Mohammadi, Improving time integration method of CSPM mesh-less method in two dimensional elasto-dynamic problems, ECCOMAS, 2006.
22. H. Ostadhossein, S. Mohammadi, Improvements of the mesh-less SPH method for solving dynamic systems, 7th NCCE, 2006.

Papers in Journals

1. H. Bayesteh, M. Sabermahani, H. Ostadhossein, H.R. Elahi, Performance of a large-span deep excavation in saturated fine-grained soil adjacent to a historical building: A case study, Tunnelling and Underground Space Technology, 2025 08 01, JCR, SCOPUS.
2. M.Q. Panahy, H. Ostadhossein, A. Mirzaii, A.H. Baghbani, Optimum light weight concrete mix design against high temperature, Sharif Civil Engineering Journal, 2022.
3. A. Boluri Kashani, H. Ostadhossein, Damage reduction due to aircraft crash to concrete protective structures, Sharif Civil Engineering Journal, 2020.
4. Fatemeh Mousavinejad, H. Ostadhossein, Nonlinear behavior assessment of steel moment resisting frame designed by performance based plastic design, Amirkabir Journal of Civil Engineering, 2019.
5. H. Ostadhossein, S. M. H. Kamel, M. Henteh, Differences of FBD and DDBD for MRF Design, Bulletin of Earthquake Science and Engineering, 2018.
6. H. Ostadhossein, M. Omidi, M. Henteh, Comparison of Damage Indexes in Performance Assessment of Special Concrete Moment Resisting Frames, Journal of Structural and Construction Engineering, 2018.
7. H. Ostadhossein, S. M. H. Kamel, M. Henteh, Performance Comparison of Concrete MRF Designed by Direct Displacement Based and Force Based Methods, Journal of Structural and Construction Engineering, 2018.
8. H. Ostadhossein, S. Lotfi, Performance of infill stiffened steel panel against blast loading, Latin American Journal of Solids and Structures, 2018.
9. H. Ostadhossein, S. Mohammadi, A stabilized particle method for large deformation dynamic analysis of structures, International Journal of Structural Stability and Dynamics, 2012.
10. H. Ostadhossein, S. Mohammadi, Unsteady fluid-moving solid interaction by a kernel based particle method, International Journal for Numerical Methods in Biomedical Engineering, 2010.

11. H. Ostadhosseini, S. Mohammadi, Analysis of shock wave reflection from fixed and moving boundaries using a stabilized particle method, *Particuology*, 2009.
12. H. Ostadhosseini, S. Mohammadi, A field smoothing stabilization of particle methods in elastodynamics, *Finite Elements in Analysis and Design*, 2008.