Dr Hassanali Mosalman Yazdi

Resume

Personal Information

Name: *Hassan Ali*

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Educational Qualifications:

- *Bachelor degree in the field of Civil Engineering from Yazd University (The first rank) (1995-1999)*
- *Master Degree in the field of Civil Engineering – Structure, from Kerman Islamic Azad University (2001-03)*
- *PhD Structural Engineering at Malaya University(UM), (2007-10)*
- *Post-Doctoral Research Fellow, Malaya University (UM),(2010-2011)*

Research Interests:

Structural Engineering, Steel Structures, Construction Management, New Technology in Construction Management, Management Information Systems, Application of Artificial Neural Networks in Civil Engineering(ANN, GA, Fuzzy set, Cellular Automata)

Invention

- *Produce Autoclave Aerated Concrete blocks by utilizing waste of raw material (Silica sand) processing industries. Registration No.139550140003002655-2016*

Publications

Books:

1- *Applied Technical English for Civil Engineering, Fadak Press(4th edition2017)*

2- *Safety in Construction Projects, Fadak Press, Tehran, 2008(In Persion)*

3- *Basics and Principals of Loading Structures, Fadak Press, Tehran, 2008(In Persion)*

4- *A Guide on EndNote Reference Manager, Fadak Press, Tehran, 20016, Third Edition (In Persion)*
5- *Loading Structures, UM Press, Kuala Lumpure, 2013*
6- *A Practical Guide for Using Microsoft Word in Researches, Fadak Press, Tehran, 2013, Second Edition (In Persion)*
7- *Guide for Applied Technical English for Civil Engineering, Fadak Press, Tehran, 2012(In Persion)*
8- *Medeley Reference Manager, Fadak Press, Tehran, 2012(In Persion)*
9- *Plagiarism, Fadak Press, Tehran, 2013, Second Edition (In Persion)*
10- *Braced System, VDM Press, 2011, Germany*
11- *Genetic Algorithms in Designing and Optimizing Structures, Lambert Press, 2013, Germany*
12- *Uncertainty Modeling in Structural Engineering, Lambert Press, 2014, Germany*
13- *New Systems in Management of Construction Projects, Maybod Uni. Press, Yazd, 2013, Second Edition (In Persion)*

Journal Papers(ISI)

1- *Mosalman, A., M. Mosalman, and H.M. Mosalman Yazdi, Equations of unsteady flow in curved trapezoidal channels. International Journal of the Physical Sciences, 2011. 6(4): p. 671-676.*
2- *Mosalman, H. and N.R. Sulong, Parametric investigation on an off-centre braced frame system's stiffness. International Journal of the Physical Sciences, 2010. 5(17): p. 2642-2651.*
3- *Mosalman, M., A. Mosalman, and H.M. Yazdi, On the connection behavior of gate bracing system. Scientific Research and Essays, 2011. 6(2): p. 241-246.*
4- *Saffari, H. and H.M. Yazdi, An efficient and direct method for out-of-plane buckling analysis of Y-braced steel frames. Journal of Constructional Steel Research, 2010. 66(8-9): p. 1107-1111.*
5- *Yazdi, H.A.M. and N.H.R. Sulong, Optimization of Off-Centre bracing system using Genetic Algorithm. Journal of Constructional Steel Research, 2011 2010. 67: p. 1435-1441.*
6- *Yazdi, H.M. and N.H.R. sulong, Eccentricity optimization of NGB system by using multi-objective genetic algorithm. Journal of Applied Sciences, 2009.9(19) .p. 3502-3512.*

7- *Mosalman, F., A. Mosalman, and H.M. Yazdi, One day ahead load forcasting by artificial neural network. Academic Journal (SRE), 2011. 6(13): p. 2795-2799.*

8- *Yazdi, H.M. and N.H.R. Sulong, Artificial Intelligence in Designing Non Geometric Brace Systems, in Proceedings of the 2009 Wrorld Global Congress on Intelligent Systems. Computer Society, 2009. 1: p. 3-7*

9- *Mosalman, H. and N.R. Sulong, Genetic Algorithm in Locating the Optimum Mid-Connection of Off-Centre Braced System. Structure and Infrastructure Engineering, 2012. 1(1): p. 1-10*

10- *Mosalman, M. and H.M. Yazdi, Metal spraying for revamping and keeping piceses. Academic Journal (IJPS), 2011. 6(30): p. 7021-7025.*

11- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Genetic programming for topological investigation of optimum eccentricity of EBF systems. IEEE Computer Society, 2011. 2: p. 587-591*

12- *Mosalman Yazdi, H.A., N.H. Ramli sulong, and F. Mosalman. Fuzzy multi-objective genetic algorithm in determination of optimum mid connection location of off-centre bracing system. Computer Society, 2010. 3: p. 490-494*

13- *Yazdi, H.M., Implementing designer's preferences using fuzzy logic and Genetic Algorithm in structural optimization. International Journal of Steel Structures, 2016. 16(3): p. 987-995.*

14- *Yazdi, H.M., M. Mosalman, and A.M. Soltani, Seismic Study of Buckling Restrained Brace System without Concrete Infill. International Journal of Steel Structures, 2018. 18(1): p. 153-162.*

15- *Hasani, N. and H. Mosalman Yazdi, Determining effective criteria in locating emergency water tanks and calculating their weighted importance factors by Analytical Hierarchy Process (AHP). Journal of Tehran Disaster Management and Mitigation Organization (TDMMO), 2016. 6(3): p. 264-272.*

16- *Yazdi, H.M., M. Mosalman, and A.M. Soltani, Seismic Study of Buckling Restrained Brace System without Concrete Infill. International Journal of Steel Structures, 2018. 18(1): p. 153-162.*

17- *Yazdi, H.M. and N.H.R. Sulong, On the behaviour of mid-connection in off-centre bracing system. Proceedings of the Institution of Civil Engineers - Structures and Buildings. 2018. 1(1): p. 1-13.*

Conference Papers:

- *Mosalman, A. and H.A. Mosalman Yazdi. On the Safety of Construction Projects. in International Conference On Building Science and Engineering (ICON-BSE 2009). 2009. Johor, Malaysia.*
- *Mosalman, A. and H.A. Mosalman Yazdi. On the equations of unsteady flow in curved-trapezoidal channels. in the International Conference on Fundamental & Applied Sciences (ICFAS2010). 2010. Kuala Lumpur, Malaysia.*
- *Mosalman, A. and H.A. Mosalman Yazdi. On the Safety Construction of Steel Structures. in First Makassar International Conference in Civil Engineering. 2010. Makassar, Indonesia.*
- *Mosalman, F. and H.A. Mosalman Yazdi. Artificial neural network in forcasting 24-hour electrical load by considering seasonal variations. in 2010 International Conference on Intelligent Network and Computing(ICINC 2010). 2010. Kuala Lumpur- Malaysia.*
- *Mosalman, F. and N.H. Ramli sulong. On the stiffness of NGB system. in International Conference on Construction and Building Technology. 2008. Kuala lumpur- Malaysia.*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Effect of eccentricity on the behavior of NGB system and proposed methods for improving this systems behaviour. in Regional Collaboration Collaboration and Collaboration and Presentation on Research Findings in Civil and Environmental Engineering. 2008. Bangkok- Thailand.*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Determining the optimum point for NGB system by using GA. in 7th Asia Pacific Structural Engineering and Construction Conference. 2009. Langkawi- Malaysia.*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Eccentricity optimization in NGB by elite GA. in Third International Conference on Modeling and Applied Modeling , Simulation and Applied Optimization. 2009. UAE.*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Investigation of the brace elements connection in non-geometric brace system. in International Conference for Technical Postgraduate 2009. 2009. Kuala Lumpur- Malaysia.*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. On the GA optimization of NGB. in Fifth International Conference on Construction in 21st Century. 2009. Istanbul-Turkey.*

- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Genetic programming for topological investigation of optimum eccentricity of EBF systems. in 3rd International Conference on Computer Modeling and Simulation (ICCMS 2011). 2010. Mumbai-India.(ISI)*
- *Mosalman Yazdi, H.A. and N.H. Ramli sulong. Investigation on the behaviour of mid connection in off-center bracing system. in First Makassar International Conference in Civil Engineering. 2010. Makassar- Indonesia.*
- *Mosalman Yazdi, H.A., N.H. Ramli sulong, and F. Mosalman. Fuzzy multi-objective genetic algorithm in determination of optimum mid connection location of off-centre bracing system. in the 3rd International Conference on Advanced Computer Theory and Engineering (ICACTE 2010). 2010. Chengdu, China.(ISI)*
- *Mosalman Yazdi, H.A. and H. Safari. On the characteristics of gate braced system. in First National Civil Engineering Congressional. 2003. Tehran, Iran.*
- *Mosalman Yazdi, H.A. and H. Safari. Inspecting the effects of executive defects on the brace function. in Earthquake Congress. 2004. Kerman, Iran.*
- *Yazdi, H.M. and N.H.R. Sulong, Artificial Intelligence in Designing Non Geometric Brace Systems, in Proceedings of the 2009 Wrorld Global Congress on Intelligent Systems. 2009. Xiamen, China. (ISI)*
- *Yazdi, H.M. and N.H.R. Sulong, Fuzzy Logic in Modelling Designer's Preferences Information on Structural Optimization, in Proceedings of the 2011 internation conference on advances in Structural Engineering and Mechanics. 2011. Seoul, South Korea*

Research Projects

1-Investigate the practical default in construction of Gate Braced Systems on the behavior of this system, for Maybod Branch, Islamic Azad University

2-Eccentrisity optimization of Non geometrical braced system by fuzzy systems and evolutionary algorithms, for Maybod Branch, Islamic Azad University

3-Investigate the effect of explosion on the weld connection of structures, 2014, for the Iranian Oil Terminal Company

4-Assesment the behavior of surface asphalt of the roads in Yazd province, 2015, for the Yazd Roads and Urban Development Organization

5- Investigate the potential applications of monitoring in construction management, 2017, for Maybod Branch, Islamic Azad University

Skills and work experiences

- *Managing director of Iranian Amirkabir Research Center*
- *Chairman and executive manager of research technical magazine "Aein Pajohesh"*
- *Teaching at Islamic Azad University, Yazd Branch and Maybod Branch, 2003-2007*
- *Member of Faculty of Islamic Azad University, Since 2004*
- *Teaching at University of Malaya as a tutorial since early 2008-2010*
- *Teaching at University of Malaya as a Lecturer 2010-2011*
- *Teaching at Islamic Azad University, Yazd Branch and Maybod Branch and Tehran Science and research Branch for the M.Sc and PhD postgraduate students 2011-2018*
- *The head of Civil department of Islamic Azad University – Mehriz branch for one year*
- *The head of Civil department, Seismic Engineering, M.Sc. Student, Islamic Azad University – Maybod branch for one year,2011-2012*
- *Research and Information Technology Deputy of Vice Chancellor, Maybod Branch, Islamic Azad University, for 4.5 Years, 2012-2017*
- *Lecturer and designer of Research Tools and Research Method workshops at Iran Research of Science and Information Technology (Irandoc)2015-2018*
- *Chairman of committee of 21 National Conference at Islamic Azad University, Maybod Branch, 2013-2016*
- *As Supervisor Engineer in Yazd Saz Bana Building Company, for 6 years*
- *Executing the building and road – making structure projects such as building high school, Tele-communications and road making*
- *The structural computation of several projects*
- *The member of Inspection Committee of Yazd Governor's office*
- *The full time member of faculty of Meybod Islamic Azad University*
- *Teaching the specialized lesson of civil Engineering such as "Designing the steel structures, Designing the Concrete Structures, Loading, Specialized English in Civil Engineering, Strength of Materials, Concrete Technology, Computer in Civil Engineering" in Islamic Azad University (Yazd, Meybod and Mehriz Branch)*

Additional Information:

- *The Excellent researcher among the Professors at Meybod Islamic Azad University – 2006,2010, 2012, 2013, 2015*

- *Awarded the best Book author for writing the book titled as: Braced System*
- *The excellent researcher among engineers of Yazd Building of Engineering Organization 2011*
- *Reviewer of 4 ISI Journals*