



PROFESSOR
IN STRUCTURAL ENGINEERING
ABBAS ALI TASNIMI
PHD., MSc., MENG., BSc



Distinguished Professor, 2012

Visiting Professor, Tokyo University, 2002

PERSONAL INFORMATION:

Name:	Date of birth:	Place of birth:	Marital status:
Abbas Ali Tasnimi	May 15 1951	Karbala	Married

ADDRESS

First Address (TMU)

Structural Engineering Group
 Faculty of Civil and Environment Engineering
 Tarbiat Modares University (TMU)
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EDUCATIONAL RECORDS:

Degree	Institution	Field	Date
Ph.D.	University of Bradford, UK	Structural Engineering	1988
M.Sc.	University of Bradford, UK	Structural Engineering	1985
M.Eng*	Bangalore University, India	Structural Engineering	1980
B.Sc.	Bangalore University, India	Civil (Struct.) Engineering	1979

* One year Course only

ACADEMIC EXPERIENCES:

Professor	Tarbiat Modarres University, Tehran, Iran, (2006)
Visiting professor	University of Tokyo, Tokyo, Japan (2002)
Associate professor	Tarbiat Modarres University, Tehran, Iran, (1988)
Assistant professor	Tarbiat Modarres University, Tehran, Iran, (1997)

ACADAMIC POSITIONS

<u>Position</u>	<u>Duration</u>			
1- Head, Earthquake Eng.Division, Faculty of Civil & Envil. Eng. Tarbiat Modarres University	Sep.	2014	Present	
2- President of International Institute of Earthquake Engineering and Seismology (IIIES)	Dec.	2006	Jun.	2014
3- President of Iranian Earthquake Engineering Association	Nov.	2004	Nov.	2008
4- Head, Earthquake Eng.Division, Faculty of Civil & Envil. Eng. Tarbiat Modarres University	Sep.	2002	Sep.	2006
5- President of Building and Housing Research Center, Ministry of Housing and Urban Development	Apr.	1998	Jan.	2002
6- President of Institute of Housing and Urban Development	Apr.	1998	Jan.	2002
7- President of Tarbiat Modarres University	Oct.	1995	Oct.	1997
8- Vice-President in Research Affairs, Tarbiat Modarres University	Jan.	1993	Oct.	1995
9- President, K.N.Toosi-University of Technology	Aug.	1992	Oct.	1993
10- Vice-President in Educational Affairs of K.N.Toosi-University of Technology	Mar.	1992	Aug.	1993
11-Dean of the Faculty of Civil & Envil. Eng., Tarbiat Modarres University	Sep.	1990	Aug.	1992
12-Head,Struc.Eng Division, Faculty of Civil & Envil. Eng., Tarbiat Modarres University	Feb.	1990	Feb.	1992
13- Vice-President and Deputy for Development Projects, Tarbiat Modarees University	Mar.	1989	Feb.	1990

RESEARCH INTERESTS:

- 1- Non-linear Behavior of Reinforced Concrete Structures under Earthquake
- 2- Seismic Behavior of R/C Structural Components
- 3- Damage Evaluation and Strengthening of Existing Reinforced Concrete Structures
- 4- Crack Control and Retrofitting of Reinforced Concrete Structures
- 5- Seismic Behavior of Masonry Buildings
- 6- Use of New Material for Constructional Development
- 7- Inelastic Analysis of Concrete Structures

Courses Taught

Teaching the following B.Sc., M.Sc. and PhD courses in Structural Engineering

- 1- Nonlinear seismic analysis of structures
- 2- Advanced solid mechanic
- 3- Nonlinear seismic analysis of reinforced concrete structures
- 4- Seismic design of structures
- 5- Advanced concrete structures
- 6- Structural analysis, I & II
- 7- Theory of elasticity and plasticity
- 8- Prestressed concrete structures
- 9- Design of concrete structures I & II
- 10- Plastic design of structures
- 11- Design of steel structures
- 12- Strength of materials

MEMBER OF JOURNAL BOARDS

- 1- Member of Specialist Advisory Board (Civil Engineering) of Sharif Journal- Sharif University of Technology
- 2- Editor in Chif, International Journal of Earthquake Engineering and Seismology (JSEE, IIIES, 2006-2014)
- 3- Editor in Chif, Research Letter of Earthquake Engineering and Seismology (IIIES, Farsi, 2006-2014)
- 4- Editor in Chif, Asian Journal of Civil Engineering, (BHRC, Tehran, I.R.Iran, 1998-2001)
- 5- Member of Advisory Board, Asian Journal of Civil Engineering, BHRC
- 6- Editor in Chif, Journal of Zaminlarzeh, Iranian Association of Earthquake Engineering (2006-2009)
- 7- Member of Advisory Board, Amirkabir Journal of Science and Technology (AUT, Tehran, I.R.Iran)
- 8- Member of Advisory Board, Building and Housing News (BHRC, Tehran, I.R.Iran)
- 9- Member of Advisory Board, Journal of Housing and Building Sciences, (BHRC, Tehran, I.R.Iran)

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

- 1- Member of the Executive Committee of the ICCP Revision.
- 2- Responsible for the preparation of the chapter 15 of ICCP revision.
- 3- Member of the coordination committee of the ICCP revision.
- 4- Representative of MSRT in the ELCommittee of NCRRC-State Ministry
- 5- Member of the Revision Committee for Rehabilitation and Strengthening of Existing Buildings-VPPS
- 6- President of Iranian Earthquake Engineering Association, Nov. 2004-Nov. 2008
- 7- Member of the Founder Committee and Member of IEEA
- 8- Member of ISCE
- 9- Member of the Permanent Revision Committee of ICPSRDB, (Standard 2800)
- 10- Committee member and Responsible for the fourth revision of the ICPSRDB, (Standard 2800), chapter 7
- 11- Member of ACNBC
- 12- Member of ICA
- 13- Member of (ACI)
- 14- Member of Civil and Earthquake Engineering Committee of the INBC
- 15- Member of High Education Council, Ministry of Housing and Urban Development
- 16- Secretary of the Structure and Lifeline Sub-committee, NDRC
- 17- Head of the Sub-Committee of Housing and Building Material, CNRCI
- 18- Member of the Risk Reduction Council, BPO
- 19- Member of the Sub-committee of Rehabilitation and Strengthening, BPO
- 20- Head and Member of the Sub-Committee of Part-11 (Industrialized Construction), INBC
- 21- Head and Member of the Sub-Committee Part-8 (Masonry Buildings), INBC
- 22- Member of the Sub-Committee Part-9 (Concrete Structures), INBC
- 23- Member of the Committee of the Rehabilitation and Strengthening of conventional Buildings, MHUD
- 24- Member of Technical Committee, BHRC
- 25- Member of the Committee of the Rehabilitation and Strengthening of Schools, ME

ICCP=Iranian Concrete Code of Practice

VPPS=Vice president in Planning and Supervising

ELC=Earthquake and Landslid Committee

MSRT=Ministry of Science, Research and Technology

ACI= American Concrete Institute

IEEA= Iranian Earthquake Engineering Association

ICPSRDB = Iranian Code of Practice for Seismic Resistant Design of Buildings (Standard 2800)

ISCE = Iranian Society of Civil Engineers

ICA = Iranian Concrete Association

CNRCI = Commission of the Iranian National Research Council

ACNBC = Approval Council for the National Building Code

INBC = Iranian National Building Code

BHRC = Building and Housing Research Center

IEEA = Iranian Earthquake Engineering Association

NCRRC = National Disaster Reduction Committee

BPO = Budget and Planning Organization

MHUD = Ministry of Housing and Urban Development

ME = Ministry of Education

REFeree FOR JOURNAL ARTICLES

- 1- Journal of Structural Engineering (ASCE)
- 2- Structures and Buildings (Uk)
- 3- Engineering Structures (Elsevier)
- 4- Structural Journal American Concrete Institute (ACI-USA)
- 5- Journal of Scientia Iranica, Sharif Technical university, I.R.Iran
- 6- International Journal of Engineering, NCFSR (National Center for Scientific Research)
- 7- Assian Journal of Civil Engineering, (BHRC-Tehran), I.R.Iran
- 8- International Journal of Earthquake Engineering and Seismology (JSEE, IIEES), I.R.Iran
- 9- International Journal of Civil Engineering (University of Science and Technology of Iran)
- 10- International Journal of Engineering (Materials and Energy Research Center I.R. Iran)
- 11- Sharif Quarterly Journal of Civil Engineering (Farsi)
- 12- Modarres Civil Engineering Journal (TMU, Tehran, I.R.Iran, Farsi)
- 13- Amirkabir Journal of Science and Technology (AUT, Tehran, I.R.Iran, Farsi)
- 14- Journal of school of Engineering (Ferdosi University, Tehran, I.R.Iran, Farsi)
- 15- Journal of Housing and Building Sciences, (BHRC, Tehran, I.R.Iran, Farsi)
- 16- Journal of Engineering, Tabriz University, (Tabriz, I.R.Iran, Farsi)
- 17- Building and Housing News (BHRC, Tehran, I.R.Iran, Farsi)
- 18- Earthquake Science and Engineering, Quarterly, (Farsi, IIEES)
- 19- Journal of Zaminlarzeh, Iranian Association of Earthquake Engineering (Farsi)
- 20- Research Letter of Seismology and Earthquake Engineering (Farsi, IIEES)

RESEARCH PROJECT LEADERS

1	Fragility of ordinary and intermediate RCMRF under multi-component seismic excitation and proposing hybrid column strengthening method (IIES in Progress)
2	Instruction for Seismic Evaluation and Rehabilitation of Conventional Existing Brick Buildings (BHRC)
3	Behavioral model for infill panels with opening to be used in nonlinear seismic analysis of RC frames (IIES)
4	Preparation of the Chapter 7 for the 4 th Revision of the Iranian Code of Practice for Seismic Resistant Design of Buildings, (BHRC, Standard 2800)
5	Dynamic Characteristics of the Dar-u-salam, Clock Gate and Bab-u-salam Gate of the Imam Reza ^(PA) Mausoleum, Mashhad, (IIES)
6	EMME- Earthquake Model of the Middle East region: Hazard, Risk Assessment, Economics and Mitigation (IIES and ETH Zurich Swiss Seismological Service)
7	Dynamic Characteristics of the Naghsh-e Rostam Tower of the Imam Reza ^(PA) Mausoleum, Mashhad, (IIES)
8	Nonlinear Behavioral Model for Steel Frames with infill Brick
9	Torsional Behavior of Strengthened Brick Building with Steel Bars and Concrete overlay
10	Rehabilitation of Brick walls with Steel Mesh and Concrete Overlay
11	Sample Guidelines for Rural Housing in a selected Province
12	Analyzing the Existing Legal and Institutional Arrangements for Disaster Management (Earthquake Emergency Reconstruction Project Loan Number: 4697-IRN; The World Bank)
13	Analyzing the Effectiveness of Existing Disaster Management System with Respect to the Manjil, Avaj, Bam and Silakhor Earthquakes, (Earthquake Emergency Reconstruction Project Loan Number: 4697-IRN; The World Bank)
14	Developing Guidelines for Disaster Management System Reform and Improvement Involving Best Practices (Earthquake Emergency Reconstruction Project Loan Number: 4697-IRN; The World Bank)
15	Industrialised Concrete Construction, Part-11, Iranian National Building Regulation, 2008.
16	Design and Construction of Reinforced and Unreinforced Masonry Buildings, Part-8, Iranian National Building Regulations
17	Analysis, Design and Construction of Experimental Two Degrees System Setup for Testing of Structural Components
18	Flexural and Shear Capacity of Reinforced Concrete Sections Under Accelerated Corrosion.
19	Behavior of brick walls constructed according to Iranian code of practice for seismic resistant design of buildings, (Standard. 2800)
20	Vulnerability Analysis and Seismic Evaluation of Eight Government's Existing Buildings
21	An Investigation on the Flexural and Shear Strength of Dry Beam-Column Joints of Precast RC Frames Under Lateral Loads.
22	Theoretical and Experimental Investigation on the Behaviour of Brick Masonry Buildings (Constructed According to Iranian Code of Practice for Seismic Resistant Design of Buildings- Standard 2800)
23	Experimental Investigation on the Seismic Strengthening Methods for Partially Framed-Masonry Buildings
24	Experimental Investigation on the Use of Bamboo in light weight Buildings
25	Proposed Code of Practice for Reinforced and Unreinforced Brick Buildings (BHRC)
26	Estimation of Response Modification Factors for RC-MRF Structures (BHRC)
27	Reconstruction Evaluation of Constructed Buildings in Earthquake Prone Areas to Provide Guidelines to Enhance Method of Construction (Ardabil, Bojnourd, Ghaen)
28	Technical Identity of Reinforced Concrete and Masonry Buildings
29	Hysteresis model for plain and reinforced concrete compression members
30	Unreinforced Masonry buildings, part 8- Iranian National Building Regulation
31	Behaviour of RC MRF Strengthened by Steel X-bracing.
32	Behavior of Column-Footing Joint of Type Precast Concrete Frames Under Lateral Forces (Earthquake Loads)
33	Guide lines for strengthening of reinforced concrete buildings.
34	Guide lines for strengthening of brick masonry buildings
35	Behavior of Precast Concrete Structures and their Joints Under Lateral Loads.
36	Experimental Study of Typical Iranian Reinforced Concrete for Urban Construction, (World Bank Project).

PUBLICATIONS

BOOS, Research Reports, Editings and Proceedings

- 1- Tasnimi, A.A. and Amir Rahemi, Behavioral model for infill panels with opening to be used in nonlinear seismic analysis of RC frames, IIEES, Under Under Publication.
- 2- Tasnimi, A.A. and M. A. Rezazadeh, "Torsional Behavior of Brick Building Strengthened by Steel Mesh and Concrete Overlay", Building and Housing Research center, Under Publication.
- 3- Tasnimi, A.A. and A. Yaghobifar, "Rehabilitation of Brick Walls Strengthened by Steel Mesh and Concrete Overlay", Building and Housing Research center, Under Publication.
- 4- Tasnimi, A.A., Instruction for Seismic Evaluation and Rehabilitation of Conventional Existing Brick Buildings (BHRC), No.726, ISBN: 978-600-113-136-3, NLBN:4151718, 2015.
- 5- Tasnimi, A.A., Iranian Code of Practice for Seismic Resistant Design of Buildings, 4th Revision, Chapter 7, BHRC, No. 2800, ISBN:978-600-113-128-8, NLBN:3663242.
- 6- Tasnimi, A.A., Instruction for Seismic Evaluation and Rehabilitation of Existing Buildings, 1st Revision, Chapter 7, Strategic Planning and Control, Deputy of Presidency, 2012.
- 7- Tasnimi, A.A. et al, Brief Research reports within 2009-2012 years, IIEES, ISBN: 978-964-6490-51-2, NLBN: 3478623, 2012.
- 8- Tasnimi, A.A., Learned and Steps Forward, On the occasion of 10th anniversary of Bam Earthquake occurrence, IIEES, ISBN: 978-964-6490-50-5, NLBN: 3478623, 2012.
- 9- Tasnimi, A.A. and Sd. M. Fatemiaghda, Proceeding of the 4th International Conference on Cochrerte and Developmnet, 2012.
- 10- Tasnimi, A.A. and A. Kalantary, Proceeding of the 6th International Conference on Seismology and Earthquake Engineering (SEE6), 2012.
- 11- Tasnimi, A.A. Editor; Earthquake of 30th September 2009 Padang, Indonesia, A Preliminary Reconnaissance Report, ISBN: 978-964-6490-44-4, NLBN:1669222, 2011.
- 12- Tasnimi, A.A. and A. Mohebkah, "Nonlinear Behavioral Model for Steel Frames with Infill Brick panels", Building and Housing Research center, No. 560, ISBN: 978-600-113-039-7, NLBN:206595, 2010.
- 13- Tasnimi, A.A. et all, "Pattern of Rural Housing in Ardabil Province", Building and Housing Research center, Pub. No.G-523, 2009.
- 14- Tasnimi, A.A. et all, "Code of Practice for Reinforced and Unreinforced Brick Buildings", Building and Housing Research center, Pub. No.G-449, ISBN: 978-964-9903-96-5, NLBN: 1768775, 2009.
- 15- Tasnimi, A.A., Advisor; "A. Hussaini, Damage Index for the RC Columns due to Electrochemical chloride", No. 556, ISBN:978-600-113-026-7, NLBN: 2060007, 2010.
- 16- Tasnimi, A.A., Strategical Steps towards Strengthening to reduce earthquake's damages in Cities, Specialist Training Course IIEES, 2010.
- 17- Tasnimi, A.A., The Most Affecting Parameters on the Vulnerability Reduction Against Earthquake, Specialist Training Course on Disaster Management, IIEES, 2009.
- 18- Tasnimi, A.A. et all, "Analyzing the existing legal and institutional arrangements for disaster management", EERP Loan Number: 4697-IRN; The World Bank, Ministry of Interior, 2009.
- 19- Tasnimi, A.A. et all, "Analyzing the effectiveness of existing disaster management system with respect to the Manjil, Avaj, Bam and Silakhor earthquakes", EERP Loan Number: 4697-IRN; The World Bank, Ministry of Interior, 2009.
- 20- Tasnimi, A.A. et all, "Developing guidelines for disaster management system reform and improvement involving best practices, EERP Loan Number: 4697-IRN; The World Bank, Ministry of Interior, 2009.
- 21- Tasnimi, A.A. et all, "Descriptive Guidelines for Iranian Code of Practice for Seismic Resistant Design of Building, Standard 2800", 3rd Edition, Building and Housing Research center, Pub. No.G-442, 2007.
- 22- Tasnimi, A.A. et all, "Vulnerability Analysis and Seismic Rehabilitation of Unreinforced Existing Masonry Buildings", Pre-Standard, National Building Code of Practice, Ministry of Housing and Urban Planning, 2006.
- 23- Tasnimi, A.A. and Tareq Mahdi, Proposed Code of Practice for Reinforced and Unreinforced Brick Buildings (BHRC), No. 449, ISBN: 978-964-9903-39-2, NLBN:1070008, 2008.
- 24- Tasnimi, A.A. and Sd. M. Fatemiaghda, Proceeding of the 3rd International Conference on Cochrerte and Developmnet, 2008.
- 25- Tasnimi, A.A. et.al., Descriptive Guideline for Iranian Code of Practice for Seismic Resistant Design of Buildings, Standard No. 2800-05 (3rd Edition), 444, ISBN: 964-9903-17-8, NLBN: 85M-39556, 2007.
- 26- Tasnimi, A.A. and M. Mokhtari, Proceeding of the 5th International Conference on Seismology and Earthquake Engineering (SEE6), 2008.
- 27- Tasnimi, A.A., Vulnerability of Existing Buildings, Specialist Training Course on Risk reduction and Disaster Management, IIEES, 2007.
- 28- Tasnimi, A.A. and K. Amimi, Fundamentals of Risk and Disaster Management, Specialist Training Course on Risk reduction and Disaster Management, IIEES, 2007.
- 29- Tasnimi, A.A., et.al., Instruction for Seismic Evaluation and Vulnerability of Existing Unreinforced Masonry Buildings, Deputy for Housing and Buildings, Ministry of Housing and Urban Development, ISBN: 964-7588-53-4, NLBN:85M-3574, 2006.
- 30- Tasnimi, A.A. An Introduction on the Seismic Behavior of RC buildings, Specialist Training Course on the Fundamentals of Seismic Design, BHRC, 2006.
- 31- Tasnimi, A.A. and M. Khorrami, "Flexural And Shear Capacity of Reinforced Concrete Beams Under Accelerated Corrosion", Building and Housing Research Center, Pub. No. R- 454, ISBN: 978-964-9903-27-9, NLBN: 85M-42452, 2005
- 32- Tasnimi, A.A., "Behavior of Confined and Non-Confined Masonry Brick Buildings", National Disaster Research Institute of Iran, Interior Ministry, National Disaster Task Force, Earthquake and Land Slide Hazard Committee, ISBN: 964-308-103-6, NLBN: 83M-20235, 2005.
- 33- Tasnimi, A.A., Behavior factor and seismic Design of RC Buildings, Specialist Training Course on Analysis and Design of RC, Steel and Masonry Buildings, TMU, 2006.

- 34- Tasnimi, A.A. and Ali Massomi, "Estimation of Response Modification Factors for RC-MRF Structures", Building and Housing Research Center, Pub. No. R- 436, ISBN: 964-9903-110-0, NLBN: 85M-10730, 2004.
- 35- Tasnimi, A.A. and G. Heydarinezhad, Proceeding of the 2nd International Conference on Concrete and Development, 2002.
- 36- Tasnimi, A.A. Strengthening and Rehabilitation of Existing RC Buildings, Specialist Training Course on Vulnerability and Strengthening Methods for existing Buildings, BHRC, 2002.
- 37- Tasnimi, A.A., "Behavior of Brick Walls Recommended by Iranian Standard 2800", Building and Housing Research Center, Pub. No. R- 404, 2003.
- 38- Tasnimi, A.A. "Behavioural Model of Reinforced Concrete Members under Cyclic Axial Compressive Loads", National Committee for Natural Disasters Reduction (NCNDR), ISBN: 964-308-042-0, 2002.
- 39- Tasnimi, A.A. "Experimental Investigation on Strengthening Method for Partially Steel-Frame-Brick Building Against Earthquake Loads", National Committee for Natural Disasters Reduction (NCNDR), ISBN: 964-308-043-9, 2002.
- 40- Tasnimi, A.A. "Seismic Behaviour and Design of Reinforced Concrete Buildings (2800+ABA), Vol.1, Pub.No 246, ISBN: 964-7404-30-1, NLBN: 80M-15832, BHRC, 2001.
- 41- Tasnimi, A.A., Technical Editor for "Control of Cracking in Concrete Structures (ACI Committee, 224, 1995-Translated by: Mostafavi, F, No. 326, ISBN: 964-7404-31-x, NLBN: 80M-15693, 2001.
- 42- Tasnimi, A.A. and M. Shayanfar, Proceeding of the 1st International Conference on Concrete and Development, 2001.
- 43- Tasnimi, A.A. "Strengthening of Reinforced Concrete Frames by Steel Braising", Building and Housing Research Center, Pub.No 331, ISBN: 964-7404-20-4, NLBN: 79M-25621, 2000.
- 44- Tasnimi, A.A. "Identification and evaluation of existing reinforced concrete and brick masonry building", National Committee for Natural Disasters Reduction (NCNDR), ISBN: 964-308-062-5, 1999.
- 45- Tasnimi, A.A. "Bamboo, a structural material for low-cost and light-weight building", Pub. No 247, BHRC, 1997.
- 46- Tasnimi, A.A. "Structural Behaviour of Shear Walls in Conventional Buildings", Pub.No 246, BHRC, 1997.
- 47- Tasnimi, A.A. and Hamidian M. "Behaviour of column-footing joint of type precast concrete frames under lateral forces (earthquake loads)", Pub. No 223, BHRC, 1996.

Journal Publications

a) Journal English Papers

- 1- Maedeh Zakersalehi, Tasnimi, A.A., and Mehdi Ahmadizadeh, "A new integration scheme for application to seismic hybrid simulation", J. Earthquake Engineering and Engineering Vibration, Accepted and Under Publication, 2016.
- 2- E. Noroozinejad F., T.Y. Yang and Tasnimi, A.A., "Influence of concurrent horizontal and vertical ground excitations on the collapse margins of non-ductile RC-frame buildings", Structural Engineering and Mechanics, Vol.59, No.4(2016) 653-669 DOI:10.12989/sem.2016.59.4.653
- 3- E. Noroozinejad F., Tasnimi, A.A., "The influence of coupled horizontal-vertical ground excitations on the collapse margins of modern RC-MRFs", Int J Adv Struct Eng (2016) 8:169-192, DOI 10.1007/s40091-016-0122-0.
- 4- Sara Mirzabagheri, Tasnimi, A.A., "Reinforced concrete roof exterior wide and conventional beam-column joints under lateral load", J. Struct. Design Tall Spec. Build. 2016; 25: 397-411, (wileyonlinelibrary.com/journal/tal). DOI:10.1002/tal.1264
- 5- Sara Mirzabagheri, Tasnimi, A.A., Masoud Soltani Mohammadi, "Behavior of interior RC wide and conventional beam-column roof joints under cyclic load", J. Engineering Structures 111 (2016) 333-344.
- 6- R. Saeidi Moeina, Tasnimi, A.A., and M. Soltani Mohammadi, "Flexural performance of RC beams strengthened by bonded CFRP laminates under monotonic and cyclic loads", J. Scientia Iranica, Transactions A, (2016) 23(1), 66-78.
- 7- Ehsan Noroozinejad F., Tasnimi, A.A., Babak Mansouri, "Fragility assessment of RC-MRFs under concurrent vertical-horizontal seismic action effects", J. Computers and Concrete, Vol. 16, No. 1 (2015) pp. 99-123, DOI: 10.12989/cac.2015.16.1.099.
- 8- Ali Reza Moradi, Masoud Soltani, Tasnimi, A.A., "Stress-Transfer Behavior of Reinforced Concrete Cracks and Interfaces", ACI Structural journal, No. 112-S07, January-February 2015.
- 9- Issa Fadwa, Tasnimi, A.A., Eilouch N., Mirzabagheri S. "Reinforced concrete wide and conventional beam-column connections subjected to lateral load", Journal of Engineering Structures No.76, pp.34-48, 2014
- 10- M.A. Rahemi, Tasnimi, A.A. and A. Sarvghad-Moghadam, "Micro-Modeling of Masonry Infilled RC Moment Resisting Frames to Investigate Arrangement of Compressive Diagonal Struts", International Journal of Engineering, Vol. 27, No. 6, (June 2014) 865-880, doi:10.5829/idosi.ije.2014.27.06c.05
- 11- Tasnimi, A.A. and S. M. Motovali Emami, "Effect of Shear Wall's Eccentricity on the Seismic Performance of RC Dual Structural System", Journal of Seismology and Earthquake Engineering (JSEE) Vol. 15, No. 1, 2013.
- 12- Tasnimi, A.A. and Rezazadeh, M., "Experimental and numerical analysis of strengthened single storey brick building under torsional moment", International Journal of Civil Engineering, Vol. 10, No. 3, September 2012. Pp. 231-243.
- 13- Moradi, A. Masoud Soltani; and Tasnimi, A.A., "A simplified constitutive model for dowel action across RC cracks", Journal of Advanced Concrete Technology, No.10, pp.264-277, Japan, 2012.

- 14- Bahman Ghiassi; Masoud Soltani; and [Tasnimi, A.A.](#), "Seismic Evaluation of Masonry Structures Strengthened with Reinforced Concrete Layers", Journal of Structural Engineering © ASCE/JUNE 2012/729-743.
- 15- Amin Mohebbkhan, [Tasnimi, A.A.](#), "Distinct Element Modeling of Masonry-Infilled Steel Frames with Openings", Construction and Building Technology Journal, 2012, 6, (Suppl 1-M2) 42-49.
- 16- Bahman Ghiassi; Masoud Soltani; and [Tasnimi, A.A.](#), "A simplified model for analysis of unreinforced masonry shear walls under combined axial, shear and flexural loading", Journal of [Engineering Structures](#) 42 (2012) 396-409
- 17- [Tasnimi, A.A.](#) and Mohebbkhan, A., "Investigation on the behavior of brick-infilled steel frames with openings, an experimental and analytical approaches," Journal of Engineering Structures (Elsevier), Vol.33, issue 3, 2011, pp. 968-980.
- 18- [Tasnimi, A.A.](#) and Lavassani, H.H., "Uniaxial constitutive law for structural concrete members under monotonic and cyclic loads", Journal of Scientia Iranica, Accepted for publication, Ref. No: 30.358.100529, 2010.
- 19- Akbarzade, M., A.A. and [Tasnimi, A.A.](#), "Nonlinear analysis of unreinforced masonry shear walls based on plastic damage model", Journal of Seismology and Earthquake Engineering", (JSEE), winter 2010, Vol. 11, No. 4, 2010.
- 20- Hashemi, Sd. S., [Tasnimi, A.A.](#), Soltani, M. M., "Nonlinear cyclic analysis of reinforced concrete frames, utilizing new joint element", Journal of Scientia Iranica, Vol. 16, No. 6, pp. 490-501, December 2009
- 21- Badarloo, B., [Tasnimi, A. A.](#), M.Soltani, "Failure criteria of unreinforced grouted brick masonry panels based on biaxial compression test", Journal of Scientia Iranica, Vol. 16, No. 6, pp. 490-501, December 2009.
- 22- Lavassani, H.H., [Tasnimi, A.A.](#), M. Soltani, "A complete hysterical constitutive law for reinforced concrete under earthquake loadings", Journal of Seismology and Earthquake Engineering (JSEE), Vol.11, No. 1, .pp. 17-40, spring 2009.
- 23- Mohebbkhan, A., [Tasnimi, A.A.](#), Moghadam, H.A., "A modified three-strut (MTS) model for masonry-infilled steel frames with openings", Journal of Seismology and Earthquake Engineering (JSEE), Vol.9, No. 1&2, 2007, pp. 39-48.
- 24- Mohebbkhan, A., [Tasnimi, A.A.](#), Moghadam, H.A., "Nonlinear analysis of masonry-infilled steel frames with openings using discrete element method", Elsevier, Journal of Constructional Steel Research, 64 (2008), pp. 1464-1472.
- 25- Habibi, A., Moharrami, H., [Tasnimi, A.A.](#), "Sensitivity analysis for nonlinear response of RCMRF using pushover analysis", Asian Journal of Civil Engineering, (BHRC), Vol.8, No.2, April 2007.
- 26- [Tasnimi, A.A.](#), "Mathematical model for complete stress-strain curve prediction of normal, light-weight and high strength concrete", Magazine of Concrete Research, Vol.56, No.1, Feb. 2004.
- 27- [Tasnimi, A.A.](#), "A nonlinear mathematical model for stress-strain relationship of plain and reinforced concrete", Research report of sabbatical leave at University of Tokyo, Japan, June, 2002.
- 28- [Tasnimi, A.A.](#), "Role of concrete in sustainable development In Iran", Asian Journal of Civil Engineering, (BHRC), Vol.1, No.4, 2000.
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- 2- Ehsan Noroozinezhad Farsangi, [Tasnimi, A.A.](#), Babak Mansouri, "Seismic Fragility Estimation under orthogonal Earthquake Excitation, 7th International Conference on Seismology and Earthquake Engineering, Tehran, Iran, May 18-21, 2015.
- 3- Maedeh Zakersalehi, [Tasnimi, A.A.](#), Mehdi Ahmadizadeh, "Improved Numerical Integration Program for Application to Seismic Hybrid Simulation", 7th International Conference on Seismology and Earthquake Engineering, Tehran, Iran, May 18-21, 2015.
- 4- [Tasnimi, A.A.](#), "Earthquake Risk Management and Building Environment", 7th International Conference on Disaster Risk Management Program, Gabala Azerbaijan, June 4-5, 2014.
- 5- [Tasnimi, A.A.](#), "Utilization of RC Wide Beams in RCMRF Structures under Earthquake Induced Forces", 4th International Conference on Concrete & Development, 44, CD2-KN05, Tehran Iran, 2014.
- 6- Mirzabagheri Sara, [Tasnimi, A.A.](#), Issa Fadwa "Reinforced concrete interior beam-column joints subjected to seismic loads", 4th International Conference on Concrete & Development, CD2-17, Tehran Iran, 2014.
- 7- A. R. Moradi, M. Soltani M., [Tasnimi, A.A.](#), "Stress transfer across cracks due to aggregate interlock mechanism", 4th International Conference on Concrete & Development, 44, CD2-11, Tehran Iran, 2014.
- 8- A. Yaghoubifar, A.A. Tasnimi, "Proposed Algorithm to Accelerate the Anisotropic Rankine-Hill Model in Nonlinear Analysis of Masonry Structures", 7th National Congress on Civil Engineering, University of Sistan and Baluchestan, Zahedan, Iran, 7-8 May, 2013.
- 9- [Tasnimi, A.A.](#), Keynote Speech Utilization of RC Wide Beams in RCMRF Structures under Earthquake Induced Forces, Proceedings of the 4th International Conference on Concrete & Development, Tehran-Iran, April, 29-May 1, 2013
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- 14- S. M. Motovali Emami, [Tasnimi, A.A.](#), "Effect of Shear Wall's Eccentricity on the Seismic Performance of RC Dual System", Proceedings of the 6th International Conference on Seismology and Earthquake Engineering, Tehran, Iran, 16 to 18 May 2011
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 - 46- [Tasnimi, A.A.](#) "Fundamental of Nonlinear Static Analysis (Pushover Analysis)", Specialist Training Course on Selected Topics from Standard 2800-V4, Shiraz, Iran, Jan. 13-14, 2015.
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- 58- Tasnimi, A.A., “Regulations for Seismic Design of Building Structures IS-2800-V4”, Seminar on Iranian Standard 2800-V4, Mashhad, Iran, Jan. 1 2014.
- 59- Tasnimi, A.A., “Regulations for Confined Masonry Buildings Iranian Standard 2800, Version 4”, Seminar on Iranian Standard 2800-V4, Mashhad, Iran, Jan. 9 2014.
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- 61- Rahbari, R., Tasnimi, A.A., “Nonlinear drift Ratio of Intermediate RCMRFs Corresponding to Various Performsnce Levels”, 8th National Civil Engineering Congress, Babul University, Iran, May,7-8 2014
- 62- Hajirafiei, M., Tasnimi, A.A., Seyed Rezaei, R., “Nonlinear Dynamic Behavior of Lightweight Aggregate Concrete Structures Under Near-Field and far-Field earthquake”, 7th National Civil Engineering Congress, Zahedan University, Iran, May,7-8 2013.
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- 70- Vazirivafa, M., Tasnimi, A.A., “Base Shear Contributing Between Moment Resisting Frames And Shear Walls In Dual Concrete Systems Based On Nonlinear Dynamic And Static Analysis”, 9th International Civil Engineering Congress, Esfahan University of Technology, Iran, May,8-10 2012.
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- 72- Bayat, S., Tasnimi, A.A., “Mechanical Properties of Nano-silicate Lightweight Concrete”, 1st National Conference on Lightweight Concrete, Tehran University, Feb. 15-15, 2011.
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- 74- Tasnimi, A.A., “Urban Rehabilitation Strategies to Reduce the Earthquake Induced Vulnerabilities”, First International Conference on Urban Construction in the Vicinity of Active Faults, Tabriz, Iran, September 3-5, 2011.
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- 76- Alinezhad, M., Soltani, M.M., Tasnimi, A.A., “Numerical Investigation on the Out-of-Plane Behavior of Infill Brick Panels used in RC Frames”, 1st National Conference on Earthquake`s Disaster Management and Buildings and Lifelines Vulnerability, Tehran, Iran, Jun. 20-21, 2011.
- 77- Tasnimi, A.A., “Earthquake`s Problems Concern, Easier to say Than Done”, 6th International Conference on Seismology and earthquake Engineering, Tehran Iran, 16-18 May 2011.
- 78- Tasnimi, A.A., “Evaluation and Rehabilitation of Masonry Brick Buildings (From Experiment to Guidelines)”, 6th International Conference on Seismology and earthquake Engineering, Tehran Iran, 16-18 May 2011.
- 79- Kashnijo, K., Tasnimi, A.A., “Base Shear`s Sharing Ratio Between RC Frame and Copuled Shear wall at Various Performance Levels”, 6th International Conference on Seismology and earthquake Engineering, Tehran Iran, 16-18 May 2011.
- 80- Emami, M. M., Tasnimi, A.A., “Effect of the Boundary Elements Torsion Due to Eccentricity of Shear Wall w.r.t. Frame Axix” 6th National Congress on Civil engineering, Semnan-Iran, 26-27 April, 2011.
- 81- Moradi, A. Soltani, M.M., Tasnimi, A.A., “Simulation of Steel Bar Branch Action on the Cracked Surface of Reinforced Concret ”, 6th National Congress on Civil engineering, Semnan-Iran, 26-27 April, 2011.

- 82- Tavahodi, S. M., [Tasnimi, A.A.](#), “An Investigation on the Effect of Various Strengthening Details of Brick Walls with RC Layers on their Seismic Behavior”, Proceeding of the First National Conference on Structures, Earthquake and Geotechnical Engineering, Babulsar-Iran, Dec.3. 2010.
- 83- Yaghobifar, A., [Tasnimi, A.A.](#), “Micro Modeling of Brick Walls Utilizing Hybrid Elements”, 1st National Conference on Structures, Earthquake and Geotechnical Engineering, Babulsar-Iran, Dec.3. 2010
- 84- [Tasnimi, A.A.](#), Dehghan, F., “Behavior Factor for RCMRF Strengthened with Restrained Buckling Braces”, 3rd International Conference on Seismic Strengthening, Oct. 4 2010, Tabriz-Iran.
- 85- [Tasnimi, A.A.](#), “Design and Rehabilitation of Masonry Structures”, Key note Lecture, 1st National Conference on Structures, Earthquake and Geotechnical Engineering, Dec.3 2010, Babulsar-Iran
- 86- Noorbakh, D. A., [Tasnimi, A.A.](#), and Koochali, J., “An Investigation on the Effect of RC Shear Walls on the Steel Structures”, Proceeding of the Fifth National Conference on Civil Engineering, May 3-5 2010, Mashhad-Iran
- 87- Kashnijo, K. and [Tasnimi, A.A.](#), “Prediction of Contribution Percentage of Base Shear at Various Performance Level in Coupled Shear Walls”, Proceeding of the Fifth National Conference on Civil Engineering, May 3-5 2010, Mashhad-Iran
- 88- Rezazadeh, M. and [Tasnimi, A.A.](#), “Numerical Analysis of Brick Wall Joints Strengthened with RC Concrete Overlay”, Proceeding of the Fifth National Conference on Civil Engineering, May 3-5 2010, Mashhad-Iran.
- 89- Kashanijoo, H. and [Tasnimi, A.A.](#), “An Investigation on the RC Coupled Shear Walls for Various Performance Level”, Proceeding of the Eighth International Conference on Civil Engineering, May 11-13 2009, Shiraz-Iran.
- 90- [Tasnimi, A.A.](#), “Effective Parameters on Buildings Vulnerability Reduction Against Earthquake”, Proceeding of the Training Course on Integrated Earthquake Disaster Risk Management”, June 2009, IIEES, Tehran-Iran.
- 91- [Tasnimi, A.A.](#), “Concrete and Earthquake”, Key note Speech, Proceeding of the third International Conference on Concrete and Development, April 27-29 2009, Tehran-Iran.
- 92- [Tasnimi, A.A.](#), “Strengthening of Brick Walls with Reinforced Concrete Overlay”, Proceeding of the workshop of the 3rd International Conference on Concrete and Development, April 27-29 2009, Tehran-Iran.
- 93- Moradi, A., Soltani, M.M. and [Tasnimi, A.A.](#), “Micro modeling for unreinforced masonry walls under on-plane seismic loads”, Proceeding of the fourth National Congress on Civil Engineering, May 6-8, 2008, Tehran-Iran.
- 94- Habibi, A., Moharrami, H. and [Tasnimi, A.A.](#), “Optimum design of RC frames based on performance levels”, Proceeding of the fourth National Congress on Civil Engineering, May 6-8, 2008, Tehran-Iran.
- 95- Ghiassi, B., Soltani, M.M. and [Tasnimi, A.A.](#), “Linear homogenization for the Seismic Performance of the Strengthened Brick Masonry Buildings with Reinforced Concrete Layer”, Proceeding of the 4th National Congress on Civil Engineering, May 6-8, 2008, Tehran-Iran.
- 96- Yaghobifar, A. and [Tasnimi, A.A.](#), “Proposed Method to Determine the Stiffness Degradation of RC Elements in Nonlinear Analysis”, Proceeding of the fourth National Congress on Civil Engineering, May 6-8, 2008, Tehran-Iran.
- 97- Tasnimi, A. A., “Seismic Vulnerability of Buildings”, Proceeding of the First Training Course on Fundamental of Risk Management”, Dec. 1-4, 2007, IIEES, Tehran-Iran.
- 98- Tasnimi, A. A., “Basic Requirements of Seismic Risk Reduction in the Country”, Proceeding of the First Training Course on Fundamental of Risk Management”, Dec. 1-4, 2007, IIEES, Tehran-Iran.
- 99- Naderi, O. and [Tasnimi, A.A.](#), “Two methods for the modeling of the effect of infill panels with opening on the global behavior of RC frames”, Proceedings of the 5th International conference on seismology and earthquake engineering, May 13-16, 2007, Tehran-Iran.
- 100- Alaei, H. and [Tasnimi, A.A.](#), “The effect of shear walls modeling on the response of RC frames using nonlinear analysis”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 101- [Tasnimi, A.A.](#), and Payande, A. “Performance levels of RC dual structural systems with various ductility”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 102- [Tasnimi, A.A.](#), Hashemi, Sd. S., “Numerical analysis of compatible interaction of bar-concrete in seismic behavior of RC frames”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 103- Fallah, Z. A. and [Tasnimi, A.A.](#), “The effect of seismic behavior of interior joints on the performance level of RC special moment resisting frames”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 104- Bashiri, A. and [Tasnimi, A.A.](#), “Evaluation of performance levels of RC moment resisting frames with medium ductility level strengthened by different methods”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 105- [Tasnimi, A.A.](#), and Mohebkah, A., “The effect of area’s opening ration on the seismic demand of masonry buildings”, Proceedings of the 7th International conference on civil engineering, 13-16 May, 2006, Tehran-Iran.

- 106- [Tasnimi, A.A.](#), “Needs for earthquake risk reductions”, Proceedings of the 5th International Conference on Seismology and Earthquake Engineering, May 13-16, 2007, Tehran-Iran.
- 107- [Tasnimi, A.A.](#), Hashemi, Sd. S., “Suitable modeling for nonlinear behavior of RC frames based on bar-concrete interaction”, Proceedings of the 3th National Congeres on Civil Engineering, 1-3May, 2007, Tabriz-Iran
- 108- Habibi, A., Moharrami, H. and [Tasnimi, A.A.](#), “Sensitivity analysis of nonlinear response of RC frames utilizing pushover analysis method”, Proceedings of the 3th National Congeres on Civil Engineering, 1-3May, 2007, Tabriz-Iran.
- 109- Bashiri, A. and [Tasnimi, A.A.](#), “Performance level of RC frames with medium ductility in verious hazard level areas”, Proceedings of the 3th National Congeres on Civil Engineering, 1-3May, 2007, Tabriz-Iran.
- 110- Fallah, Z., [Tasnimi, A.A.](#) and Ahmadi, M., “Prediction of nonlinear seismic capacity of beam-column joints of RC moment resisting frames using finit element method”, Proceedings of the 3th National Congeres on Civil Engineering, 1-3May, 2007, Tabriz-Iran.
- 111- Barimani, A., Soltani, M.M.and [Tasnimi, A.A.](#), “Development of behavioral model and nonlinear analysis of infilled masonry RC frames utilizing constant distributes crack patterns”, Proceedings of the 7th International conference on civil engineering, 13-16 May, 2006, Tehran-Iran.
- 112- Alaei, H. and [Tasnimi, A.A.](#), “Evaluation of the methods of modelling of shear walls in RC dual systems”, Proceedings of the 7th International conference on civil engineering, 13-16 May, 2006, Tehran-Iran.
- 113- Bashiri, A. and [Tasnimi, A.A.](#), “Evaluation of performance levels of RC moment resisting frames with medium ductility level strengthened by different methods”, Proceedings of the 7th International conference on civil engineering, 13-16 May, 2006, Tehran-Iran.
- 114- [Tasnimi, A.A.](#), “Role of behavior and seismic rehabilitation of brick buildings in disaster management”, Proceedings of the 1st National conference on earthquake disaster management for cities with historical prone areas, 30-31May, 2006, Yazd-Iran.
- 115- [Tasnimi, A.A.](#) and Khorrami, M., “The effect of crosion on the flexural capacity of the RC beams under cyclic vertical loads”, Proceedings of the 2nd International conference on concrete and development, 30 April-2 May, 2005, Tehran-Iran.
- 116- [Tasnimi, A.A.](#) and Jafari, M., “Nonlinear analysis of high ductile RC frames using capacity spectrum method”, Proceedings of the 2nd International conference on concrete and development, 30 April-2 May, 2005, Tehran-Iran.
- 117- [Tasnimi, A.A.](#), “Globalization and homogenaziation processes of seismic rehabilitation”, 1st workshop on the evaluation of the rehabilitation guide lines, May 2004, Tehran-Iran.
- 118- Massumi, A. and [Tasnimi, A.A.](#), “History of variation and development of behavior factor for seismic design of buildings”, The 3rd National seminar on the evaluation of code of practice for seismic design of buildings (Standard 2800), 26-27 February, 2003, Tehran-Iran.
- 119- [Tasnimi, A.A.](#), and Massumi, A. “Overstrength of low and medium rise RC moment resisting frames”, Proceedings of the 6th International conference on civil engineering, 13-16 May, 2006, Esfahan-Iran.
- 120- Massumi, A. and [Tasnimi, A.A.](#), “When the structural behavoir factors are reliable?”, Proceedings of the 4th International conference on seismology and earthquake engineering, 12-14 May 2003, Tehran-Iran.
- 121- [Tasnimi, A.A.](#) and Hajesmacili, M., “Role of piers on the seismic behavior of brick buildings”, Proceedings of the 4th International conference on seismology and earthquake engineering, 12-14 May 2003, Tehran-Iran.
- 122- [Tasnimi, A.A.](#) and Moosavi, Sd.E. “Evaluation of the Effect of Ductility Level on the Behaviour Factor of Reinforced Concrete Frames”, Proceedings of the first International Conference on Concrete and Development, April 30 – May 2, 2001, Tehran, Iran.
- 123- [Tasnimi, A.A.](#) and Maasumi, A. “Evaluation of Vulnerability of Reinforced Concrete Structures in Tehran by Field Investigation”, Proceedings of the first International Conference on Concrete and Development, April 30 – May 2, 2001, Tehran-Iran.
- 124- [Tasnimi, A.A.](#) and Veasse, S. “Building Materials and New Technologies”, Proceedings of the eighth seminar on housing development in Iran, Ministry of Housinf and Urban development, Fall 2001, Tehran-Iran.
- 125- [Tasnimi, A.A.](#), and Mostafei, H., “Role and effectiveness of seismic design in housing planning and development”, Proceedings of the 8th seminar on housing development in Iran, Ministry of Housinf and Urban development, Fall 2001, Tehran, Iran.
- 126- [Tasnimi, A.A.](#), “Structural considerations on industrialized building production”, Proceedings of the Training Course on Mass Production and Industrialized Building Construction, Jun 13-15, 2000, Tehran-Iran.
- 127- [Tasnimi, A.A.](#) and A, Maasumi, “Experimental investigation on the effect of connection details of steel X-bracing to the R/C frames”, Proceedings of the Fifth International Conference on civil Engineering, May 8-10, 2000, Mashad-Iran.
- 128- [Tasnimi, A.A.](#) and M. Mahmoudi, “Sterenth deterioration on hysteresis behaviour of R/C moment resisting members based on load-deflection models”, Proceedings of the third International Conference on Concrete, May 1-3, 2000, Tehran-Iran.
- 129- [Tasnimi, A.A.](#) and Khorrami, M., “Parameters Affecting the Corosion of Pylon’s Foundaions”, Proceedings of the First Seminar on the National Capacity for Design, Construction and Maintanance of Radio-Television Pylon, Jan. 11-12 2000, Tehran-Iran.

- 130- [Tasnimi, A.A.](#), “Bamboo a Green Structural Material?”, Proceedings of the 7th Annual seminar on the Analytical and Experimental Investigation of Structures under Earthquake and Dynamic Loads, 21 June 2000, Rasht-Iran.
- 131- [Tasnimi, A.A.](#) “An introduction to the seismic design of RC buildings”, lecture note, for Training course, 1999.
- 132- [Tasnimi, A.A.](#) and A. Maasumi, “Behaviour of R/C frames strengthened by steel X-bracing”, Proceedings of the third International conference on Seismology and Earthquake Engineering, 17-19 May, 1999, Tehran-Iran.
- 133- [Tasnimi, A.A.](#) and Mahmoodi M. "Global ductility capacity based on member's ductility capacity of RCMRF structures", Third Int. Conference on Seismology and Earthquake Engineering May 17-19 1999, Tehran-Iran.
- 134- [Tasnimi, A.A.](#) and Mahmoodi M. "Load-deflection hysteresis model for flexural RC members based on strength degradation", Third Int. Conference on Seismology and Earthquake Engineering, May 17-19 1999, Tehran-Iran.
- 135- [Tasnimi, A.A.](#) and Mahmoodi M. "Variation of behaviour factor in single degree of freedom systems", Proceeding of Fourth Intl. Conference of Civil Engineering, May 4-6 1997, Tehran-Iran.
- 136- [Tasnimi, A.A.](#) and Mahmoodi M. "Factors affecting the inelastic seismic demand of structures", Proceeding of the Seminar of Earthquake Damage evaluation and Rehabilitation, June 1997, Shiraz-Iran.
- 137- [Tasnimi, A.A.](#) and Mahmoodi M. "Variation of Behavior Factor for Single Degree of Freedom Systems", Proceeding of the Fourth International Conference on Civil Engineering, May 4-6 1997, Tehran-Iran.
- 138- [Tasnimi, A.A.](#), Bayat M. & Shafizadeh M. "Shear behaviour of slabs consisting of precast concrete joists and hollow blocks under inplane forces", Proceeding of Fourth Intl. Conference of Civil Engineering, May 4-6 1997, Tehran-Iran.
- 139- [Tasnimi, A.A.](#) and Sadjadi, d. M., “An investigation on the privatization hypothesis of higher education centers”, Regional seminar on higher education for next century, February. 27-29, 1997, Tehran-Iran.
- 140- [Tasnimi, A.A.](#), “Comparative study on the budget of higher education with that of other countries”, 30th meeting of the directors of universities and research institutes of the country, Hormozgan University, 16-8 October 1996, Bandarabbas-Iran.
- 141- [Tasnimi, A.A.](#) & G.A.Eftekhari "Ductile behaviour of exterior beam-column joints under lateral loads", First Int. Conference on Seismology and Earthquake Engineering, May 1993, Tehran –Iran

PhD Students Supervised- Thesis

Name of Student	Title of Thesis	Date
1- Taheri, Ali	Hysteresis Behavioral Model for Reinforced High Strength columns Under Cyclic Loads	In progress, 50%
2- Nahvinya M.Ali	Evaluation of the seismic behavioral parameters and capacity of steel coupling beams in RC shear walls based on proposed detailing of connection	In progress, 550%
3- Zarei Davood	Development of energy dissipating element in steel coupling beams of reinforced concrete shear wall under earthquake and aftershock effect	In progress, 60%
4- Mahdavi Navideh	Analytical modeling and execution methods for seismic retrofitting of reinforced concrete columns using Polymer fibers and mechanical fasteners	In progress, 70%
5- Noroozi, S. E.	Seismic Fragility Estimation of Ordinary and Intermediate R.C. M.R.F under Multi-Component Seismic Excitations	17 Sep. 2016
6- Saeidi Moein, Reza	An Analytical Model for Debonding of FRP Strengthening sheets on the Face of RC Beams Under Monolithic and Cyclic Loads	10 Oct. 2016
7- Salehi, Z. M.,	Development of Hybrid Simulation Procedure for the Evaluation of Seismic Performance of Structures	5 Mar. 2016
8- Mirzabagheri, S.	Seismic Behavior of Wide Beam-Column Joint in RC Frames	22 Feb. 2015
9- Rahemi, M. Amir	Behavioral Model for Infill Panels with Opening for use in Nonlinear Seismic Analysis of RC Frames	5 July 2014
10- Yaqubifar, Amir	Orthotropic Macro-modeling for Nonlinear Analysis of Masonry Brick Walls	12 Jan. 2014
11- Eissa, Fadwa	Seismic Behavior of RC Walls –Frame Structures Comprising of Flat-Beams	9 Dec. 2013
12- Badarloo, Beitollah	Prediction of Failure Criteria for Masonry Brick Elements Utilizing Biaxial Tensile and Compressive Tests	22 Sep 2010
13- Akbarzade, Abbasali	Nonlinear Behavioral Model for Reinforced Brick Walls Under the Inplane Lateral Load	21 Sep 2010
14- Lavasani, Sd. Hussain	A Novel Nonlinear 3D Constitutive Law for Stress-Strain Relationship of RC Concrete	21 July 2010
15- Hashemi, Sd. Shaker	Proposing a Nonlinear Analytical Model for 3D RC Frames Under Cyclic Loads, Considering Steel-Concrete Interaction	8 Mar. 2010

16- Mohebkhah, Amin	Nonlinear Seismic Behavior Evaluation of Brick-infill Panels with Openings in Steel Frames	2008
17- Massumi, Ali	Estimation of response modification factor for RC-MRF-Structures, emphasizing on the effect of overstrength and redundancy	Feb. 2005
18- Mahmoodi, S. Mossa	The Effect of period and overstrength on Seismic-Inelastic Demand of RC Structures	Mar. 1989

PhD Students Supervised- Seminar II

Name of Students	Title of Seminar II	Date
1 Jannesari, Zeynab	Evaluation of Seismic behavior of Building Frames Utilizing Recent Hardware Outcomes in Hybrid Simulation	3 July 2016
2 Tammeh, M.	Confinement of Concrete Members Reinforced by Polymer Composit Nets	6 July 2015
3 Mirzaei, Elahesh	Behavioral Model of Dissipated Energy Components used in Steel Coupling Beams	6 July 2014
4 Nahvinya, M. Ali	Theoretical and Numerical Analysis of Lightweight Concrete Structures Under seismic Effect	13 July 2013
5 Noroozi, Ehsan	Seismic Fragility Functions for RC Buidings under the Effect of Multi-Components Ground Accelerations	22 July 2012
6 Zariei, Davood	Seismic Behavior of Steel Copling Beams Used in Hybric RC shear walls	3 Feb. 2013
7 Zaker Salehi, Maede	Cause and Methods of Reduction Errors in Hybrid Modeling to Evaluate the Nonlinear Seismic Performancce of Structures	20 July 2011
8 Mirzabagheri, Sara	An Investigation on the Seismic behavior of wide RC Beams of Rc frames	13 July 2011
9 Yaqubifar, Amir	An Investigation on the Macro Modeling for Masonry Structural Elements	17July 2009
10 Saeidi Moein, Reza	Use of Composite Materials to Improve the Seismic Behavior of RC Structures with the Aim of Enhancement the Strenggth and Ductility of Structural Components	19July 2009
11 Emami Saleh, Arash	Improvements on the Behavioral Models of RC Shear Walls, Considering 3D Response	Sep 2007
12 Hashemi, Sd. Shaker	The Bond Effect of Steel and Concrete on the Behavior of Rc Frames	Sep 2006
13 Lavasani,Sd. Hussain	3D Constitutive Laws for Nonlinear Stress-Strain of RC Elements, Considering Steel-Concrete Interaction	Dec 2006

PhD Students Supervised- Seminar I

Name of Students	Title of Seminar I	Date
1 Yazdani, Mohammad	Different Energy Dissipating Systeme to be used in RC Bilding Structures	In Progress
2 Jannesari, Zeynab	Evaluation of Seismic behavior of Building Frames Utilizing Recent Softwares Outcomes in Hybrid Simulation	31 Jan 2016
3 Tammeh, M.	Mechanical Properties and Structural Performance of Concrete Polymers added Components	4 Feb 2015
4 Mirzaei, Elahesh	Seismic Behavior of Copled Beams in RC Shear Walls	29 Jan 2014
5 Nahvinya, M. Ali	Rehabilitation and Evaluation of Steel and Hybrid Masonry Buildings (Country University Buildings)	1 Feb 2014
6 Noroozi, Ehsan	Utilizing The Nonlinear and Statistical Analysis to Predict the Vulnerability of RC Buildings	25 Feb 2012
7 Zariei, Davood	Seismic Behavior of Hybrid Structural Components used in Building Frames	4 July 2012
8 Zaker Salehi, Maede	Investigate the Seismic Performance of Structures Utilizing Hybrid Modeling Simulation	7 Feb 2011
9 Mirzabagheri, Sara	Seismic Behavior of wide RC Beams Used in RF Moment Resisting Frames	5 Feb 2011
10 Yaqubifar, Amir	Crack Mideling and Interface Elements in Concrete and Masonry Components	14 Feb 2009
11 Saeidi Moein, Reza	Use of Composite Materials to Improve the Seismic Behavior of RC Structures with the Aim of Enhancement the Strenggth and Ductility of Structural Components	16 Mar 2009
12 Emami Saleh, Arash	Imlementation of Behavior Model of RC Shear walls in Computaional Programming	Feb 2007
13 Hashemi, Sd. Shaker	Hystresis Models of seismic Performance of RC Moment Resisting Frames	March 2006
14 Lavasani,Sd. Hussain	3D Nonlinear Behavior of Reinforced Concrete	March 2006
15 Badarloo, Beytollah	Special Features of Reinforced Masonry Buildings	Feb. 2004

PhD Students Advised

Name of Student	Title of Dissertation	Date
1- Jahan Mohammadi, A.	Proposed Model for Nonlinear Analysis of RC Members Based on Combination of local and Average Stress Fields	27 Sep 2015
2- Moradi, Alireza	Comprehenssive Shear Transformation Model at surface of cracked RC Elements Under the Cyclic Multi-Directional Deformation	31 Jan 2015
3- Habibi, Alireza	Optimization Metodology for Seismic Design of 2D RC Frames Based on their Performance	21 July 2007

MSc Students Supervised, Dissertations

Name of Student	Title of Dissertation	Date
1- Sadeghpour, Soheyla	Investigation on the seismic performance of coupled RC shear walls utilizing nonlinear analysis	Sep 3 2016
2- Anoshirvani, Shahrooz	Seismic Behaviour of Infilled RC Frames with Asymmetrical Infill Position	July 18 2016
3- Bakhtiari, Mohammad	Effect of Axial Load and Transverse Reinforcement on the Lateral Displacement of RC Columns	Mar 7 2016
4- Manochehri, Navid	Assessment of relative displacement of RCMRF considering their interaction with scaping staircase system	Jun 4 2015
5- Nemati, Masih	Investigating the effects of Shape Memory Alloy reinforcement on the seismic behaviour of coupling beams of concrete shear walls with opening	Jun 4 2015
6- Moghimi, Maisam	Numerical Investigation on the Seismic Behavior of Reinforced Concrete Exterior Wide Beam-Column Connections	Mar 12 2015
7- Hajirezaei, Hamidreza	Performance Evaluation of the Replaceable Steel Link Beams of Coupling RC Shear Wall	Mar 7 2015
8- Pazooki, Mehrdad	Assessment of the Park- Ang Damage Index for Performance Levels of RC Moment Resisting Frames	Nov 1 2014
9- Shahpouri, Fahimeh	An Investigation on the Seismic Behavior of RC Shear Walls with Self Centering System	Nov 30 2014
10- Gholami, Zahra	Numerical Modling for Brick walls Strengthned by Steel Straps to Predict the Nonlinear Response	Jun 30 2014
11- Moradi, Behrooz	Seismic Behavior of Rc Shear wall Comprizing Various Concrerte Strength at different Levels Using Performance Based Design	July 2 2014
12- Rahbari, Roza	An Investigation on the Bending, Shear and Axial Strength of RC Column for Various Performance level	Feb 22 2014
13- Moosavimanesh, Sd. Ali	Parametric study on Seismic Behavior of RC Wide Beam-Cooolumn Connection	Oct 7 2013
14- Hajirafei, Mahdi	Mechanical Properties and Structural Behavior of Fiber reinforced Lighthweight Concrete	July 13 2013
15- Nosrati, Amir	Experimental Investigation on Diagonal strength od Brick Panels with Different Bed-Joint Angles	Mar 10 2013
16- Gholami, Majid	Behavior of RC connection strengthed with FRP sheets	Mar 17 2013
17- Koorsha, Fatima	Seismic Behavior of Stone Base Solators and their Effect on the Seismic Behavior of Masonry Buildings	Feb 12 2012
18- Vazirivafa, Massoome	Development of YPS method for the seismic analysis of RC dual systems	Mar 5 2012
19- Kazemi, Hamidreza	The effect of Variation of Acceptance Criteria for RC columns on the Performance Levels of RC Structures	Mar 10 2012
20- Dehghan, Fatima	Seismic Performance and Behaivior Factor of Reinforced Concrete Frames with Buckling-Restrained Braces	Feb 14 2011

21-	Bayat, Samira	The Effect of Nano-Lightweight Concrete on Behavior of Structural Building Elements	Feb	14	2011
22-	Motavalli E. Sd Mohd.	Eccentricity's Effect of Shear Wall on Seismic Performance & Response of RC Dual System	Feb	13	2011
23-	Bagheri, A.	Emergency Response to Earthquake in Iran Using Information Technology (Case Study Tehran Metropolis)	July	11	2010
24-	Zomorodi, Elham	The Effect of Out of Plane Bahavior on the Interaction of In-Plane Behavior of Brick Infilled RC Frames	Jun	13	2010
25-	Koochali, Javad	Effect of Coonection Details of RC Infilled with Surrounding Frame on the Seismic Behavior of Steel Frames	May	25	2010
26-	Noorbakhsh, Aliasghar	Evaluation of Performance Level of Moment Resisting Steel frames with RC Shear walls using Pushover analysis	May	26	2010
27-	Tavahodi,Sd.Maryam	An Investigation on the Effect of Various Strengthening Details of Brick Walls Retrofited by Steel mesh and Concrete Overlay on their siesmic Behavior	May	5	2010
28-	Sharifi, M. Razieh	Nonlinear Analysis of Equivalemt Frame Model for Infilled Masonry with Opening	Sep	14	2009
29-	Yaghoobifar, Amir	Experimental and Analytical Investigation on The Behavior of Strengthened Brick Walls by Steel Bars and Concrete	Sep	14	2008
30-	Bahari, Assef	Nonlinear Behavior of RC coupling Beams Nonaligned with Couple Shear Walls	Jun	2	2009
31-	Rezazadeh, M. Ali	Experimental Investigation of the Torsional Behavior of Strengthed Brick Building by Steel Bars and Concrete overlay	Mar	3	2009
32-	Jokar, Hamidreza	Effect of Buckling-Restrained Braces on Seismic Beihaviour of Reinforced Concrete Frams	Mar	12	2009
33-	Zaler Salehi, Maede	Studying Displacement Amplification Factor in Reinforced Concrete Buildings by means of Nonlinear-Seismic Analysis	May	10	2008
34-	Kashanijo, Kiarash	Shear strength evaluation for structural coupling walls at different performance levels utilizing inelastic seismic analyses	May	16	2008
35-	Naderi, Omid	Non-linear seismic performance of RC frames having brick masonry infilled panels	Frb	23	2008
36-	Sohrabi, H.M. Bagher	Effect of Failure Modes of Brick Infille on the Nonlinear Seismic Bahavior of Rc Frames	Sep		2008
37-	Payandeh, Ali	Performancer of RC shear walls related to the nonlinear seismic behavior of RC-MRF with various performance levels	Feb	25	2008
38-	Moosavi, Sd Ali	Damage index evaluation of reinforced concrete moment resisting frames for various performance level	Feb	27	2008
39-	Fallah Z.	Behaviour of interior beam-column joints in special RC-MRF in various performance levels	Mar	6	2008
40-	Bashiri, Ayoob	Evaluation of Performance Level of Intermediate Reinforced Concrete Moment Frames Utilizing Various Strengthening Method's	Sum		2006
41-	Alaei, Hussain	Seismic and Performance of Reinfirced Concrete Dual Systems	Sum		2006
42-	Nasrollahi, Nasrin	Seismic Response of RC Medium Ductile Moment Resisting Frame using Capacity Spectrum Method	Winter		2006
43-	Esmailinezhad, Leyla	Seismic Behavior of High Strength Concrete RC Shear Walls in High Rise Buildings	Sep.		2006
44-	Jafari, Morteza	Evaluation of Seismic Response of Reinforced Concrete Flexural Frames Using Capacity Spectrum Method	Winter		2005
45-	Khajereza, Abozar	Relationship between load bearing capacity and curvature ductility at plastic hinges of RC-MRF structures	Aut.		2005
46-	Salimi, Mohammad	Nonlinear Analysis of RC Moment Resisting Frame Considering the Effect of Confinement on the Behavior factor	Spring		2005
47-	Farzin, Majid	Proposed Model Seismic-Nonlinear Analysis of RC Compression Member	Winter		2003
48-	Hooshmakd, M. Ali	Analysis, Design and Costruction of Bomboo Buildings	Winter		2003
49-	Mehrdoost,Mohd.Reza	Seismic behaviour of exterior bolttted connections in precast concrete frames	Winter		2001
50-	Irani, Hamid Reza	Seismic behaviour of R/C frames strengthened by exterior steel X-bracing	June		2001
51-	Khorrami, Morteza	Investigation on flextural strength of R.C beams Subjected Accelerated Chloride Corrosion	Winter		2001
52-	Shalchian, Saeed	Experimental Investigation on Strength, Ductility and Energy dissipation of wall to wall, and wall to roof connection in 3D building system	Winter		2001
53-	Haj-Esmaeili, Mehdi	Experimental Investigation of brick Masonry buildings subjected to lateral lading	Fall		2001
54-	Azimi, Mehdi	Seismic Damage Assesment of Reinforced Concrets Frames (With Three different Ductility Level)	June		2001
55-	Mazlaghani, Ali, Amiri	Investigation on Behaviour of two Floors Brick Masonary Building using Dynamic Analysis	June		2001
56-	Assadipour, Hossain	Prediction of strength decay and stiffness degradatior of plain and reinforced. concrete components under reversal load			2000
57-	Moosavy,Sd.Ebrahim.	Evaluation of the Effect of Ductility level on Behaviour Factor of MRF structures			2000

58-	Arab, Yaaqub	Behaviour and Engineering properties of Bamboo Material used in structural components	2000
59-	Masoumi, Ali	Behaviour of R/C Frames Strengthened by Steel Bracings (under Lateral Loads)	1999
60-	Hemmati, Syfollah	Enperimental Investigation of Joints in Retrofited R/C Frames under Lateral Loads	1999
61-	Meirbeygi, Reza	The effect of reinforcement detailing at beam-column joints of R/C frames, on their ductility, under earthquake loading	1997
62-	Gharaaei, Shahram	Comparative study on the effect of wind and earthquake forces for the analysis of slender reinforced concrete chimneys	1997
63-	Gach-chi Mameghani, Ali	Prestressing the Cross-section of gables frames, to increase strength and reduce material	1995
64-	Jowkar, A. Reza	The Effect of Horizontal Giaphragm on the Lateral Load Due to Earthquake	1997
65-	Shokrzadeh, Mohd	Experimental study on ductility and behaviour of shear walls using in R/C conventional Iranian Construction under lateral load	1995
66-	Mossayebi, Ali Reza	Theoretical and experimental study on shear and flexural strength of beam-column joints of precast RC frames	1994
67-	Fadaeyan, Ramin	Plastic analysis of R/C plates under the effect of inplane forces	1993
68-	Hamidian, Mohd Reza	Experimental investigation on ductility and strength of column-base connection of R/C precast frames under lateral loads	1993
69-	Bayat, Mehdi	Experimental investigation of the behaviour of one-way slab-beam connection under the effect of lateral load	1992
70-	Shafizadeh, Mehdi	Investigation on the behaviour of one-way slabs under the effect of lateral loading	1992
71-	Torabi, Nasser	Ductility of Squate RC Shear Walls Under the Lateral Loads	1992
72-	Shirasb, Gholam Reza	The effect of the engineering properties of stored materials (Wheeth) on the strength of RC silos under earthquake loads	1991
73-	Eftekhari, Gholam-Ali	Investigation on behaviour of beam-column joints of precast RC frames	1990

MSc Students Supervised, Seminars

Name of Student	Title of Seminar	Date
1- Gheisari, Masuod	RC Columns Rehabilitation of Partially Damaged RC Moment Resisting Frames	July 2016
2- Jahan, M. Shayan	Contribution of Tow way sSabs on the Seismic Behavior of RC Frames	July 2016
3- Jafer Salehi, Zahra	Behavior Factor of Selfcentering RC Structures	July 2016
4- Torabi, Zahra	Lateral Stability of RC Frames Having wide RC Beams	July 2016
5- Alihasani, H. Reza	On the effect of Vertical Component of Ground Motion on the Structural elements of RF Frames	July 2016
6- Ketkhosravi, Kiana	Behavioral Model for Prestressed Concrete Structurs Under Earthquake Loads	July 2016
7- Ghaneei, Niloofar	Energy Dissipating of Prestressed Concrete Members	July 2016
8- Ghorbani, Alireza	Relation between the Member Damages and the Global Damage of RC Frames	July 2016
9- Nooripour, Farzad	Evaluation of the Effect of Various Self-centering System on the RC Members	July 2016
10- Anoshirvani, Shahrouz	The Most Effective Parameters on the Out of Plane Behavior of Disphragms with Various Material	July 2014
11- Sadeghpour, Soheyla	Nonlinear Seismic Performance of RC Solid and Copled Shear Walls	Aug 2013
12- Bakhtiari, Mohammad	Effect of Variation of axial Load on the Performance of RC Columns	July 2013

13- Nemati, Masih	Seismic Response of Dual System (RC Frames and RC Shear Walls) Using Nonlinear Capacity Spectrum Method	July 2012
14- Hajirezaei, Hamidreza	Evaluation of Designed Frame Structures Utilising the ABA Code of Practice and Standard 2800	July 2012
15- Pazooki, Mehrdad	Design of RC Structures Considering Damage Control	July 2012
16- Shahpouri, Fahimeh	Investigation on the Behavior of Self-centered Steel and Concrete Structures	July 2012
17- Hajirafiei, Mahdi	Investigation non the Spectrum of Strength and Stiffness of Liegthweigth Concrete Structural Members	July 2012
18- Gholami, Zahra	Investigation on the Design Processess to Strengthen the Brick walls by Steel nets	July 2012
19- Moradi, Behrooz	How to Use the Various Concrete Strength for Structual Members of High Rise Buildings	July 2012
20- Rahbari, Roza	Investigation on the Shear, Flexural and Axial Strength of RC columns with Emphasis on the New Seismic Design Regulations	July 2012
21- Moosavimanesh, Sd. Ali	Merits and Demerits of RC Frames with RC Wide Beams	July 2012
22- Manochehri, Navid	Role of Damping on the RC Members and RC Structures	July 2011
23- Nosrati, Amir	Seismic Behavior of Light Weight Concrete Structural Members	Jun 2011
24- Gholami, Majid	Nonlinear (Plastic) Behavior of Structural Concrete Members	July 2011
25- Khoorsha, Fatima	Various Seismic Rehabilitation Methods for RC Structures with Emphasised on Base Isolater Systems	July 2008
26- Vazirivafa, Massoome	An Investigation on the Method of Nonlinear Analysis for RC Structures with Emphsised on YPS Method	July 2008
27- Kazemi, Hamidreza	A Study on the Role of Acceptance Criteria used on the Nonlinear Analysis of RC Structures	July 2008
28- Dehghan, Fatima	Application of Restrained Buklibg Braces in RC Frames	Jun 2009
29- Bayat, Samira	Use of Light Weigth Concrete for Buildings	Jun. 2009
30- M. Emami, Sd Mohd.	Effect of Eccentricity of RC Shear walls with respect to the Frame Axis	Jun. 2009
31- Zomorodi, Elham	Effect of On-planr Behavior of Masonry Infill Frames on the Frame Behavior and their Interaction	Sep 2008
32- Sharifi, M. Razieh	Fundamentals of Masonry Infill Frames and Their Effect on the Seismic Behavior of Building Frames	Sep 2008
33- Koochali, Javad	Detailes of the Joints of RC Shear Walls with the Surrounding Steel Frames	Jun 2008
34- Noorbakhsh, Aliasghar	Behavior and Design Economy of RC Shear Walls in Steel Frames	Jun 2008
35- Tavahodi,Sd.Maryam	Evaluation of Various Seismic Strengthening Methods of RC Buildings	Jun 2008
36- Yaghoobifar, Amir	Consideration of Stiffness Reduction in Nonlinear Analysis of RC Structures	July 2007
37- Bahari, Assef	Fracture Criteria of Concrete and the RC Components	Jun 2007
38- Rezazadeh, M. Ali	An Investigation on the Detailing of RC Frames Rehabilitation	Jun 2007
39- Zaker Salehi, Maede	Effect of Hysteretic Models on the Nonlinear Seismic Response of RC Structures	Jun 2006
40- Kashanijo, Kiarash	Role of Various RC Shear walls on the Seismic Performanse of Building structures	Jun 2006
41- Moosavi, Sd Ali	Method of Vulnerability Prediction of RC Structures due to Earthquake	Jun 2006
42- Mizani, Alireza	Various Methods of Analysis and Design of Conventional Buildings	Jun 2006
43- Sohrabi, H.M. Bagher	Effect of Various Failure Mode of Infill panels on the Nonlinear Behavior of Frames	Jun 2006
44- Naderi, Omid	Different Methods for Rehabilitaion of RC Structures	Jan 2006
45- Fallah Z.Morteza	Behavior of New Structural Joints in RC Frames Under the Effect of Seismic Loads	Jan 2006
46- Payandeh, Ali	Frame-Shear Wall Interaction Analysis Methods	Jun 2005
47- Alaei, Hussain	Modeling and Nonlinear Static Analysis of RC Syructures for Strengthening	Jun 2005

48- Nasrollahi, Nasrin	Evaluation of Seismic Vulnerability of RC Buildings Frames Based on Guidline 360	Jun 2004
49- Khajereza, Abozar	Inelastic Seismic Bahavioral Models for Reinforced Brick walls	Jun 2004
50- Salimi, Mohammad	Effect of Confinement on the Seismic Response of Building Frames	Jun 2003
51- Jafari, Morteza	Displacement Evaluation of RC Frames Utilizing Capacity Spectrum Method	Jun 2003
52- Naeimi, P. Saeid	Seismic Response of RC Frames with Different Ductility Level	Jun 2003
53- Farzin, Majid	Role of Confinement of RC Structures based on Iranian Code of Practice (ABA)	Jun 2001
54- Shalchie, Ali-Reza	Evaluation and Strengthening of Brick Masonry Buildings under Earthquake Loads	Jun 2000
55- Arab, Yaaqub	Behaviour and Economical Evaluation of Non-Reinforced Brick Masonry Buildings Specified in IRS-2800	1999
56- Khorrami, Morteza	The effect of Reinforcement Corrosion on the RC Structures under the Hydroulic Effect at Persian Gulf Regions	1999
57- Shamivand, Abbas	Variation of Behaviour Factor for R/C Frames and R/C Shear Walls...	1998
58- Assadipour, Hossain	Application of Hysteresis Models on Non-linear Analysis of RC Frames	1999
59- Baigemohammadi, M.Reza,	Interaction of Shear Wall and RC Frames	1998
60- Farzaneh, Mohd.	Review on the Design of RC Block Roofs According to Iranian Concrete code of Practice and Preparing their Design Computer Program.	1998
61- Shokrzadeh, Mohd	Analysis of the RC Sections under Cyclic Loods using Mathematical Model of Concrete Stress-Strain Curve	1994
62- Masoumi, Ali	Computer program for Concrete Mix Design, based on Consideration of Parameters Affecting Young Modulus	1996
63- Hemmati, Syfollah	The Effect of Steel Bracing on the Strength of RC Frames under Lateral Loads	1996
64- Nassirpour Eslam	The Effect of Variation of Period on Behaviour Factor of RC Frames	1996
65- Jabbari, Mohammad	Strength Evaluation and Method of Strengthening of Masonry Building under Earthquake Loads.	1996
66- Torkzadeh, Mahani	Review on Evaluation of Damage of RC Buildings and Methods of Strengthening.	1996
67- Meirbeygi, Reza	Evaluation of Seismic Strength of RC Frames, using Mathematical Model of Stress-Strain Relationship	1996
68- Gharaaei, Shahram	The Effect Dynamic Wind Effect on RC Chimneys	1995
69- Goudarzi, Ali	Comparison Between Various Method of Analysis of Elevated Water Tanks Resisting Earthquake Loads	1995
70- Taavousi-Tafreshi Shahriar	Different Methods of Analysis of RC Chimneys under the Earthquake Loads,	1994
71- Fadaeyan, Ramin	Analysis of Prestressed Concrete Structures, using Strain Energy Method	1993
72- Nasihatgar, Ebrahim	Methods of Modeling and Analysis of Base Isolated Structures and the Effect of Isolation on Period	1991
73- Eimani,Nadie	Analysis of the Arech of the West – Portico of Jaame-Mosque of Saveh	1991
74- Rezaei,Mostafa	Retrofiting and Repair of RC Stuctures.	1991
75- Hossein Khani	Analysis and Design of Structural Walls in tall Buildings	1991

Research Students Advised		
Name of Student	Title of Dissertation	Date
1- Alinezhad, Mohssen	Seismic Behavior of RC Infilled Frames Under the Simoultaneous effect of Inplane and Onplane Loads	2014
2- Sepasi, Mona	Local and Global Punding Effects of RC Frames Under the Earthquake Induced Loads	2011
3- Amozadeh, Masuod	Seismic Analysis of Masonry Brick walls Confined with RC Ties	2010
4- Ghiasi, Bahman	Homogeization and development of constitutive models for seismic evaluation of brick masonry structures retrofitted with reinforced concrete layer.	2008
5- Banishafe, Nazanin	Seismic Behavior Analysis of Steel Frames Comprising Khojini Joints and Brick Infill	2006
6- Moradi, Ali Reza	Micro modeling for the out-of-plane behavior of unreinforced masonry walls under seismic loads	2006
7- Charkhyari, Niloofar	Identifing dynamic characteristics of a asymmetric steel building using ambient vibration tests	2007
8- Arjomandzadeh, Soroor.	Bahavior Analysis of Steel frames Comprising Enhanced Damping and Stiffness Dampers	2007
9- Ghourbi, Ehsan	Improving the Behavioral Model for Seismic Performance of RC Elements Confined with FRP	2007
10- Salehi, L. E.	Average strain-stress constitutive models and fracture of brick masonry based on its micro-structural characteristics	2006
11- Barimani, A.H.	Contineous Behavioral and Constant Distributed Crack Method for the Nonlinear Dynamic Analysis of Infilled Masonry RC Frames	2006
12- Ghavimi, Nabi	Evaluation of Effective Parameters on the Ductility of RC Composi Shear Walls	2005
13- Panjepour, Mohd.	A Simple Method for the analysis and Desugn of Deep Beams Compatible with the Iranian Concrete Code of Practice	2005
14- Namayandeh, N.A.	Seismic Evaluation of Steel Frames Designed Based on the Iranian Standard No. 2800	2003
15- Massumi Mohd .	Experimental Investigation of seismic Behaviour of Confined Brick Masonry Walls and Comparison with Reinforced Brick Masonry Walls.	2002
16- Tabatabaeian, A.	Temprature analysis of RCC Dams body.	1998
17- Kazemi Rezvan	Ultimate strength and type of failure of simply supported RC Deep beams.	1996
18- Goudarzi Ali	Elastic analyses of displaced shear panels of tall building under earthquake load.	1995