

FARZAD NAEIM

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EDUCATION:

- Doctor of Philosophy, Structural Engineering, University of Southern California, 1982.
- Juris Doctor, with Highest Honors, Valedictorian, Concord University School of Law, 2002.
- Master of Science, Structural Engineering, University of Southern California, 1980.
- Bachelor of Science, Civil Engineering, University of Tehran, 1977.

PROFESSIONAL LICENSES:

Engineering:

- Registered Structural Engineer, State of California
- Registered Senior Structural Engineer for Post-Earthquake Safety Evaluations, California
- Registered Civil Engineer, State of California

Law Practice:

- Attorney at Law, State of California, Member of California Bar since 2003
- Patent Attorney, United States Patent and Trademark Office
- Attorney at Law, Federal District Courts, State of California

Boards and Advisory Councils:

2010 - Present	Member, CALTRANS Seismic Advisory Board
2010 - 2011	President, Los Angeles Tall Buildings Structural Design Council
2009 - 2010	President, Earthquake Engineering Research Institute (EERI).
2010 - 2011	Past President, Earthquake Engineering Research Institute (EERI).
2009 - 2011	Chair, Governance Board, NEES, <i>George E. Brown, Jr. Network for Earthquake Engineering Simulation</i>
2008	President-Elect, Earthquake Engineering Research Institute (EERI).
2008 - Present	Member, Executive Committee, International Association for Earthquake Engineering (IAEE).
2008 - Present	Member, Editorial Board, <i>Earthquake Spectra</i> .
2008 - Present	Chair, Board of Advisors, Sonny Astani Department of Civil and Environmental Engineering, University of Southern California

2006 - Present	Editorial Board, <i>World Housing Encyclopedia</i>
2006 - Present	Editorial Board, <i>Structural Design of Tall and Special Buildings</i> , a John Wiley Journal
2006	Vice President, Earthquake Engineering Research Institute (EERI).
2003 - 2007	Editor-in-Chief and Chair of Editorial Board, <i>Earthquake Spectra</i> , the professional journal of the Earthquake Engineering Research Institute.
2004-2006 and 2008 - Present	Member of Board of Directors, EERI
2002 – 2006 and 2010 - Present	Member of Advisory Council, Southern California Earthquake Center (SCEC)
2001 - Present	Member of UCLA’s Industry Advisory Board
2007 - 2008	Member of USC’s Industry Advisory Board
2001 - 2007	Member of Board of Directors, Consortium of Organizations for Strong-Motion Observation Systems (COSMOS)
1995 - 1996	President, Los Angeles Tall Buildings Structural Design Council

POSITIONS HELD:

2003 - Present	Vice President and General Counsel John A. Martin & Associates, Inc. <ul style="list-style-type: none"> Principal in charge of setting policies and implementation of such policies with respect to technical, analytical and legal issues involved in operation of one of the largest structural and earthquake engineering consulting firms in the United States.
1984 - 2003	Director of R& D, John A. Martin & Associates, Inc.
2006 - 2007	Pro Bono Attorney for the Los Angeles Domestic Violence Prevention Project. <ul style="list-style-type: none"> Assist victims of domestic violence in obtaining court orders to prevent recurrence and continuation of abuse.
2003 - 2004	Lecturer University of California , Berkeley <ul style="list-style-type: none"> Taught summer short courses on design of energy dissipating devices and base isolation systems
1997 - 1998	Lecturer University of California, Los Angeles <ul style="list-style-type: none"> Taught a graduate level course on Earthquake Ground

Motions

- 1986 - 1990 President, CASE Computer Aided Structural Engineering, Inc.
- Coordinating research, providing technical and computer services, and development of a new generation of computer programs for analysis and design of space structures and a unified data base for earthquake engineering applications. Developed SPACE-II computer program which was used for analysis and design of the famous Biosphere-II project in Arizona.
- 1988 - 1990 Adjunct Professor of Engineering
California State University, Northridge, California
- 1982 - 1984 Senior Design Analyst, John A. Martin & Associates, Inc.
- 1982 – 1984 Lecturer
- 2008 - Present University of Southern California
- Taught graduate courses on Advances Reinforced Concrete Design and Prestressed Concrete Design
 - Teaches the capstone course for Master of Engineering in Structural Design (Building Design Project)
- 1981 - 1985 • Lecturer
California State University, Northridge

AWARDS:

Engineering:

- 2013 British Columbia Lieutenant Governor's Award for Structural Engineering Excellence
- 2013 ACEC British Columbia Award for Engineering Excellence
- 2012 Award of *Excellence in Structural Engineering Research* from Structural Engineers Association of California
- *Honorary Member*, Earthquake engineering Research Institute, 2012.
- 2011 S.B. Barnes Award, Structural Engineers Association of Southern California
- *Outstanding 2011 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 2012
- *2010 Excellence in Innovation in Civil Engineering*, Canadian Society for Civil Engineering, for chairing external peer review of Performance Based Design Guidelines for British Columbia Schools
- 2009-2010 Teaching Award, University of Southern California, Civil Eng. Dept.
- *2007 Fazlur Khan Life Time Achievement Medal*, Council on Tall Buildings and Urban Habitat
- *Outstanding 2005 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 2006

- *Outstanding 1999 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 2000.
- *Major Contribution Recognition Award*, SAC Joint Venture, 2000.
- *Outstanding 1998 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 1999.
- *Superior Structural Engineering Award of Excellence for Eiffel Tower II*, Las Vegas, Structural Engineers Association of California, 1999.
- *Outstanding Outreach Award*, Southern California Earthquake Center, 1998.
- *Superior Structural Engineering Award of Excellence for CSULB Physical Education Center*, Structural Engineers Association of California, 1998.
- *Outstanding 1996 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 1997.
- *Superior Structural Engineering Award of Excellence for Los Angeles Convention Center Expansion*, Structural Engineers Association of California, 1997.
- *Major Investigator Valuable Service Recognition*, SAC Joint Venture, 1996.
- *Outstanding 1995 Journal Paper Award*, Los Angeles Tall Buildings Structural Design Council, 1996.
- *Superior Structural Engineering Award of Excellence for Royce Hall Seismic Correction*, Structural Engineers Association of California, 1996
- *Outstanding President Award*, Los Angeles Tall Buildings Structural Design Council, 1996.
- *1993 FEMA/EERI NEHRP Professional Fellow*.

Law:

- *Sue Lane Award for Highest Cumulative G.P.A.*, Concord University School of Law, 2002.
- *Outstanding Oral Argument Award*, Concord University School of Law, 2001.
- *Outstanding Achievements Award in the Law of Contracts*, Concord University School of Law, 1999.
- *Outstanding Achievements Award in the Law of Torts*, Concord University School of Law, 1999.

EXPERTISE:

Engineering:

Seismic Analysis and Design:

Has served as technical director for analysis and design of numerous buildings of various sizes and functions including: Disney Concert Hall, Staples Center, UCLA Medical Center Replacement, 54 story 777 Figueroa Tower, 54 and 60 Story California Plaza buildings in Los Angeles, Los Angeles Convention Center Expansion, Marriott Hotel at Century City, 37 story Fox Plaza at Century City, Mirage, MGM, Paris and Venetian Hotels and Casinos in Las Vegas, Eiffel Tower II in Las Vegas. Dr. Naeim also directed seismic reviews on many existing

buildings including the 55 story Security Pacific National Bank in Los Angeles.

Nonlinear Analysis and Performance-Based Design:

Combining theoretical knowledge and practical insight, he has been instrumental in development and application of modern nonlinear analysis techniques in practice. He was the primary author of the Alternative Seismic Design Criteria for Tall Buildings which was adopted unanimously by the Los Angeles Tall Buildings Structural Design Council in 2005. Dr. Naeim has performed seismic static and dynamic nonlinear analysis for several structures, including landmarks such as the Los Angeles City Hall, UCLA's Royce Hall and Knudsen Hall. His inelastic seismic analysis studies and research have been sponsored by the SAC Joint Venture, Applied Technology Council, California Strong Motion Instrumentation Program, United States Postal Service, and University of California.

Design Earthquake Ground Motions:

Dr. Naeim is an internationally recognized authority in evaluation of design ground motion issues as they relate to design of structural systems. In 1993, he was assigned the task of evaluation and classification of design attributes of all available earthquake records (1933-1994) for FEMA and EERI. He subsequently completed a USGS sponsored research for design classification of vertical earthquake ground motions. Dr. Naeim has taught advanced earthquake resistant technology courses at the University of California at Berkeley Summer Engineering Institute.

Research and Development:

Leading a staff of researchers, structural engineers, and computer programmers, Dr. Naeim for many years has supervised seismic analysis and design of special projects, and oversaw the development of a new generation of methodologies and software systems for structural analysis, design, and education. He was selected by the Office of Competitive Technology of the Department of Commerce of State of California for the development of the first Multimedia Earthquake Information System, and by EERI and IAEE to develop the Internet based Encyclopedia of Housing Vulnerability Worldwide. Along the same lines he developed the Northridge Earthquake Instrumented Building Interactive Information System, the CSMIP-3DV software system and a new methodology for automated damage detection for the California Geological Survey. Currently he is leading the effort for development of a new generation of user –friendly performance based analysis and design tool for the Applied Technology Council as a part of the ATC-58 project.

Legal:

- Liability of Design Professionals for errors and omissions

- Document Retention Policies for Design Professionals
- Contractual and Insurance Risk Management
- Violence and Harassment Prevention Programs and Trainings
- Corporate structures and governance
- Patent prosecution and Intellectual Property Laws

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

Engineering:

Earthquake Engineering Research Institute
 President (2009-2010)
 President Elect (2008)
 Editor-in-Chief, Earthquake Spectra (2003-2007)
 Member, Board of Directors
 Member, Editorial Board of Encyclopedia of World Housing
 Past Chair, Endowment Committee
 Past Member, Electronic Guidance Committee
 Consortium of Organizations for Strong-Motion Observation Systems
 Member, Board of Directors,
 Past Chair, Senior Advisory Council
 Southern California Earthquake Center
 Member, Advisory Council
 American Society of Civil Engineers
 American Concrete Institute
 American Institute of Steel Construction
 Seismological Society of America
 Structural Stability Research Council
 Structural Engineers Association of California
 Member, SEAOSC Board of Directors (1997-99)
 Los Angeles Tall Buildings Structural Design Council
 (President, 1995-96)

Law:

Member, State Bar of California
 Member, American Bar Association
 Member, Los Angeles County Bar Association

REFEREED PUBLICATIONS

Books

1. *The Seismic Design Handbook, 1st Edition*, Van Nostrand Reinhold, New York, 1989.
2. *Design of Seismic Isolated Structures – From Theory to Practice*, John Wiley and Sons, New York, 1999.
3. *The Seismic Design Handbook, 2nd Edition*, Kluwer Academic Publishers, Boston, MA, 2001.
4. *Basic Structural Dynamics*, John Wiley and Sons, New York, 2012.

Book Chapters

1. Naeim, F. (2010), *Performance Based Seismic Design of Tall Buildings*, in Earthquake Engineering in Europe, Garevski M. and Ansal, A (eds), Springer, London.
2. Brzev, S., and Naeim, F., (2004), *Overview of Advanced Technologies*, World Housing Encyclopedia, Summary Publication, EERI.
3. Mehraïn, M., and Naeim, F., (2004), *Characteristics of Typical Adobe Houses in the Areas Affected by the 2003 Bam, Iran Earthquake*, World Housing Encyclopedia, Summary Publication, EERI.
4. Naeim, F., (2001), *Design for Drift and Lateral Stability*, in The Seismic Design Handbook, 2nd Edition, Naeim, F. (ed.), Kluwer Academic Publishers, New York.
5. Naeim, F. and Boppana, R.R., (2001), *Seismic Design of Floor Diaphragms*, in The Seismic Design Handbook, 2nd Edition, Naeim, F. (ed.), Kluwer Academic Publishers, New York.
6. Mayes, R.L. and Naeim, F., (2001), *Design of Structures with Seismic Isolation*, in The Seismic Design Handbook, 2nd Edition, Naeim, F. (ed.), Kluwer Academic Publishers, New York.
7. Naeim, F., Bhatia, H., and Lobo, R.M., (2001), *Performance Based Seismic Engineering*, in The Seismic Design Handbook, 2nd Edition, Naeim, F. (ed.), Kluwer Academic Publishers, New York.
8. Naeim, F., Lobo, R.M. and Bhatia, H., (2001), *Computer Applications in Seismic Design*, in The Seismic Design Handbook, 2nd Edition, Naeim, F. (ed.), Kluwer Academic Publishers, New York.
9. Naeim, F., (2001), *Earthquake Excitations and Building Response*, Encyclopedia of Vibrations, Hartcourt Brace, London, England.
10. Naeim, F. (1992), *Seismic Response and Design Spectra*, Chapter 2 of Multi-national Seismic Design Codes, edited by Mario Paz, Kluwer Academic Publishers, New York.
11. F. Naeim (ed.), (1989), *Design for Drift and Lateral Stability*, Chapter 6 of The Seismic Design Handbook, New York, Van Nostrand Reinhold.
12. F. Naeim (ed.), (1989), *Seismic Design of Floor Diaphragms*, Chapter 7 of The Seismic Design Handbook, New York, Van Nostrand Reinhold.

Archival Journals

1. Stewart, J.S., Naeim, F. et al. (2010), *Representation of Bi-Directional Ground Motions for Design Spectra in Building Codes*, Accepted for publication in Earthquake Spectra, Earthquake Engineering Research Institute, Oakland, CA.
2. Lew, M., Naeim, F., Carpenter, L., and Rojas, F. (2010), *The Significance of the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for

- publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
3. Lew, M., Naeim, F., Carpenter, L.D., Youssef, N.F., Rojas, F., Saragoni, G.R. and Schachter Adaros. M. (2010), *Seismological and Tectonic Setting of the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 4. Rojas, F., Lew, M. and Naeim, F. (2010), *An Overview of Building Codes and Standards in Chile at the time of the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 5. Saragoni, G.R., Lew, M., Naeim, F., Carpenter, L.D., Youssef, N.F., Rojas, F. and Schachter Adaros. M. (2010), *Accelerographic Measurements of the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 6. Naeim, F., Lew, M., Carpenter, L.D., Youssef, N.F., Rojas, F., Saragoni, G.R. and Schachter Adaros. M. (2010), *Performance of Tall Buildings in Santiago, Chile during the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 7. Carpenter, L.D., Naeim, F., Lew, M., Youssef, N.F., Rojas, F., Saragoni, G.R. and Schachter Adaros. M. (2010), *Performance of Tall Buildings in Viña del Mar in the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 8. Rojas, F., Naeim, F., Carpenter, L.D., Lew, M., Youssef, N.F., Saragoni, G.R. and Schachter Adaros. M. (2010), *Performance of Tall Buildings in Concepción during the 27 February 2010 Moment Magnitude 8.8 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 9. Youssef, N.F., Tunick, M., Naeim, F., Lew, M., Carpenter, L.D., Rojas, F., Saragoni, G.R. and Schachter Adaros. M. (2010), *Performance of Torre Bosquemar and Olas Buildings in San Pedro de la Paz and the Pedro de Valdivia Building in Concepción in the 27 February 2010 Offshore Maule, Chile Earthquake*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.
 10. Alimoradi, A. and Naeim, F. (2010), *Did the Large Coseismic Displacement Cause the Global Overturning Collapse of the Alto Rio Building during the 27 February 2010 Offshore Maule, Chile Earthquake?*, Accepted for publication in *The Structural Design of Tall and Special Buildings*, Wiley InterScience, London.

11. Theil, C.C., Beavers, J.E., Moehle, J.P., Borchardt, R.D., Naeim, F., and Gulkan, P. (2009), *Earthquake Spectra at 25*, Earthquake Spectra, Vol. 25, No. 3, 491-495, Earthquake Engineering Research Institute, Oakland, CA
12. Bozorgnia, Y., Campbell, K.W., Luco, N., Moehle, J.P., Naeim, F., Somerville, P., and Yang, T. (2007), *Ground Motion Issues for Seismic Analysis of Tall Buildings: A Status Report*, The Structural Design of Tall and Special Buildings, 16, 5, pp. 665-674, Wiley InterScience, London.
13. F. Naeim, H. Lee, S. Hagie, H. Bhatia, A. Alimoradi, E. Miranda, (2006), *Three-dimensional analysis, real-time visualization, and automated post-earthquake damage assessment of buildings*, The Structural Design of Tall and Special Buildings, 15, 1, pp. 105-138, Wiley InterScience, London.
14. Naeim, F., (2006), *Foreword to the 1906 Earthquake Centennial Special Issue of Earthquake Spectra*, Earthquake Spectra, Vol. 22, No. S2, pp. S1, Earthquake Engineering Research Institute, Oakland, CA.
15. Arzhang Alimoradi, Eduardo Miranda, Shahram Taghavi, Farzad Naeim, (2006), *Evolutionary modal identification utilizing coupled shear-flexural response - implication for multistory buildings. Part I : Theory*, The Structural Design of Tall and Special Buildings, 15, 1, pp. 51-65, Wiley InterScience, London.
16. Arzhang Alimoradi and Farzad Naeim, (2006), *Evolutionary modal identification utilizing coupled shear-flexural response - implication for multistory buildings. Part II : Application*, The Structural Design of Tall and Special Buildings, 15, 1, pp. 67-103, Wiley InterScience, London.
17. Alimoradi, A., Pezeshk, S., Naeim, F., and Frigui, H., (2005), *Fuzzy Pattern Classification of Strong Motion Records*, J. of Earthquake Engineering, Vol. 9, No. 3., pp. 307-332, Imperial College Press, London.
18. Maheri, M.R., Naeim, F. and Mehrain, M., (2005), *Performance of Adobe Residential Buildings in the 2003 Bam, Iran, Earthquake*, Earthquake Spectra, Vol. 21, No. S1, pp. S337-S344, Earthquake Engineering Research Institute, Oakland, CA.
19. Naeim, F., (2005), *Book Review: Earthquake Engineering -- From Engineering Seismology to Performance-Based Engineering*, Earthquake Spectra, Vol. 21, No. 2, pp. 609-611, Earthquake Engineering Research Institute, Oakland, CA.
20. Naeim, F., (2005), *Preface to the Special Issue on the 2003 Bam, Iran, Earthquake*, Earthquake Spectra, Vol. 21, No. S1, pp. S1-S2, Earthquake Engineering Research Institute, Oakland, CA.
21. Naeim, F., (2005), *Structural Engineers and the Law*, The Structural Design of Tall and Special Buildings, Vol. 14, No. 5, pp. 439-445, Wiley InterScience, London.

22. Naeim, F. and Garves, R., (2005), *The Case for Seismic Superiority of Well-Engineered Tall Buildings*, The Structural Design of Tall and Special Buildings, Vol. 14, No. 5, pp. 401-416, Wiley InterScience, London.
23. Comartin, C., Brzev, S., Naeim, F., et al., (2004), *A Challenge to Earthquake Engineering Professionals*, Earthquake Spectra, Vol. 20, No. 4, pp. 1049-1056, Earthquake Engineering Research Institute, Oakland, CA.
24. Farzad Naeim, Arzhang Alimoradi, and Shahram Pezeshk, (2004), *Selection and Scaling of Ground Motion Time Histories for Structural Design Using Genetic Algorithms*, Earthquake Spectra, Vol. 20, No. 2, pp. 413-426, , Earthquake Engineering Research Institute, Oakland, CA.
25. Naeim, F., (2004), *Impact of the 1994 Northridge Earthquake on the Art and Practice of Structural Engineering*, The Structural Design of Tall and Special Buildings, Vol. 13, No. 5, pp. 373-389, Wiley InterScience, London.
26. Naeim, F., Alimoradi, A. and Pezeshk, S., (2004), *Selection and Scaling of Ground Motion Time Histories for Structural Design Using Genetic Algorithms*, Earthquake Spectra, Vol. 20, No. 2, pp. 413-426, Earthquake Engineering Research Institute, Oakland, CA.
27. Michael Mehrain and Farzad Naeim, (2003), *"Exact" Three-Dimensional Linear and Nonlinear Seismic Analysis of Structures with Two-Dimensional Models*, Earthquake Spectra, Vol. 19, No. 4, pp. 897-912, Earthquake Engineering Research Institute, Oakland, CA.
28. Roger D. Borcherdt and Farzad Naeim, (2003), *Foreword to the Theme Issue of Earthquake Spectra on Welded Steel Moment Frames*, Earthquake Spectra, Vol. 19, No. 2, p. 23, Earthquake Engineering Research Institute, Oakland, CA.
29. Naeim, F., (2001), *Book Review: Dynamics of Structures, Theory and Applications in Earthquake Engineering, 2nd Edition*, Earthquake Spectra, Vol. 17, No. 3, pp. 549-550, Earthquake Engineering Research Institute, Oakland, CA.
30. Naeim, F., (2001), *Eiffel Tower II: Las Vegas, Nevada*, Modern Steel Construction, June, AISC.
31. Naeim, F. and Kircher, C., (2001), *On the Damping Adjustment Factors for Earthquake Response Spectra*, The Structural Design of Tall Buildings, Vol. 10, 361-369, Wiley InterScience.
32. Naeim, F. and Lew, M., (2000), *The 1999 Earthquake Disasters Worldwide: How Many Times Do We Have to Re-Learn the Fundamentals of Seismic Engineering?*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
33. Naeim, F., Lew, M, Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *Design Practice for Tall Buildings in Taiwan*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.

34. Naeim, F., Lew, M, Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *The Performance of Tall Buildings During the 21 September 1999 Chi-Chi Earthquake, Taiwan*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
35. Naeim, F., Lew, M, Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *Typical Construction Practices for Tall Buildings in Taiwan*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
36. Lew, M, Naeim, F., Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *Geotechnical and Geological Effects of the 21 September 1999 Chi-Chi Earthquake, Taiwan*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
37. Lew, M, Naeim, F., Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *Seismological and Tectonic Setting of the 21 September 1999 Chi-Chi Earthquake, Taiwan*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
38. Lew, M, Naeim, F., Huang, S.C., Lam, H.K., Carpenter, L.D., (2000), *The Significance of the 21 September 1999 Chi-Chi Earthquake, Taiwan Tall Buildings*, The Structural Design of Tall Buildings, Vol. 9, No. 2, Wiley Interscience, London.
39. Naeim, F., (1999), *Lessons Learned from Performance of Nonstructural Components during the January 17, 1994 Northridge Earthquake --Case Studies of Six Instrumented Multi-story Buildings*, Journal of Seismology and Earthquake Engineering,, Vol. 2, No. 1, IIEES, Tehran.
40. Naeim, F., (1998), *Research Overview: Seismic Response of Structures*, The Structural Design of Tall Buildings, Vol. 7, No. 3, Wiley Interscience, London.
41. Naeim, F., (1998), *Performance of 20 extensively-instrumented buildings during the 1994 Northridge earthquake*, The Structural Design of Tall Buildings, 7, 3, pp. 179-194, John Wiley and Sons.
42. Barry Schindler, Ian Kelso, Farzad Naeim, (1997), *Structural analysis and design of the Metropolitan Water District Headquarters in Los Angeles, California*, The Structural Design of Tall Buildings, 6, 4, pp. 299-309, John Wiley and Sons.
43. Gary C. Hart, Farzad Naeim, Richard Holguin, (1997), *Conversation with a master: Roy G. Johnston*, The Structural Design of Tall Buildings, 6, 2, pp. 89-98, John Wiley and Sons.
44. Naeim, et al, (1996), *Development of New Los Angeles Seismic Analysis Criteria for Tall Buildings – Site Specific Considerations*, The Structural Design Of Tall Buildings, Vol. 5, 235-264.
45. Naeim, F., (1995), *On the Seismic Design Implications of the 1994 Northridge Earthquake Records*, Earthquake Spectra, Vol. 11, 1, EERI, Feb.

46. Naeim, F., (1995), *Seismic Performance Analysis of a Multistory Steel Moment Frame Building Damaged During the 1994 Northridge Earthquake*, The Structural Design of Tall Buildings, Vol. 4, No. 4, John Wiley & Sons, Dec.
47. Naeim, F. and Lew, M., (1995), *On the Use of Design Spectrum Compatible Time Histories*, Earthquake Spectra, Vol. 11, 1, EERI, Feb.
48. Naeim, F., (1994), *Northridge Earthquake Ground Motions and their Implications for Seismic Design of Tall Buildings*, The Structural Design of Tall Buildings, Vol. 3, No. 4, John Wiley and Sons, Dec.
49. Naeim, F. and Lew, M., (1994), *Deficiencies of Design Spectrum Compatible Accelerograms*, The Structural Design of Tall Buildings, Vol. 3, No. 4, John Wiley and Sons, Dec.
50. Naeim, F., (1993), *Selection of Earthquake Records for Seismic Design of Tall Buildings*, The Structural Design of Tall Buildings, Vol. 2, No. 4, John Wiley and Sons, Dec.
51. Naeim, F., (1991), *Interactive Finite Element Analysis on a Pocket Calculator*, Computers and Structures, Vol. 41, No. 2., pp. 363-375, Pergamon Press, July.
52. Boppana, R.R. and Naeim, F., (1985), *Modeling of Floor Diaphragms in Concrete Shear Wall Buildings*, Concrete International, Design and Construction, American Concrete Institute, July.

Refereed Conference Proceedings

1. Tileylioglu, S., Naeim, F., Alimoradi, A. and Stewart, J. P. (2010), *Impact of Foundation Modeling on the Accuracy of Response Analysis for a Tall Building*, Proceedings of the 9th U.S. Conference on Earthquake Engineering Toronto, Canada.
2. Naeim, F., Tileylioglu, S., Alimoradi, A. and Stewart, J. P. (2010), *The Real Deal on Soil-Foundation-Structure Interaction (SFSI)*, Proceedings of the 2010 Annual Convention of Structural Engineers Association of California, San Diego.
3. Lew, M., Naeim, F., Hudson, M.B., and Korin, O.B. (2008), *Challenges in Specifying Ground Motions for Design of Tall Buildings in High Seismic Regions of the United States*, Proceedings of the 14th World Conference on Earthquake Engineering, Beijing, China.
4. Bozorgnia, Y., Luco, N., Naeim, F., and Somerville. P. (2007), *Ground Motion Selection, Modification and Simulation for Seismic Analysis of Tall Buildings*, Proceedings of ASCE Structural Congress, Long Beach, CA.
5. Eshghi, S., Hussainie, M., Naeim, F. and Adams, B., (2004), *Building and Lifeline Response and Damage Distribution During the December 26, 2003*

- Bam, Iran, Earthquake*, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, BC Canada, August 1 - 6.
6. Alimoradi, A. , Naeim, F. and Pezeshk, S. (2004), *GA-Based Selection and Scaling of Strong Ground Motion Records for Structural Design*, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, BC Canada, August 1 - 6, Paper No. 246.
 7. Naeim, F., (2004), *Impact of the 1994 Northridge Earthquake on the Art and Practice of Structural Engineering*, Proceedings of the 2004 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, .
 8. Naeim, F. and Rahnema, M., (2004), *Is Nonlinear Analysis Ever Useful? -- The Case of a Partially Constructed 54-Story Building that Did Not Satisfy Seismic Code Requirements*, Proceedings of the 2004 Convention of the Structural Engineers Association of California, Monterey, CA.
 9. Naeim, F., Lee, H, Skliros, K., Hagie, S., Bhatia, H., Huang, M., and Shakal, A., (2004), *A High-Tech Approach to Learning from Seismic Performance of Instrumented Buildings*, Proceedings of the 2004 Convention of the Structural Engineers Association of California, Monterey, CA.
 10. Svetlana Brzev, Marjorie Greene, Chris Arnold, Marcial Blondet, Sheldon Cherry, Craig Comartin, Dina D'ayala, Mohammed Farsi, Sudhir Jain, Farzad Naeim, Jelena Pantelic, Laura Samant, Mauro Sassu, (2004), *The Web-Based World Housing Encyclopedia: Housing Construction in High Seismic Risk Areas of the World*, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, BC Canada, August 1 - 6, .
 11. Naeim, F. and Rahnema, M., (2003), *What Do You Do with a Partially Constructed 54 Story Building that Does Not Satisfy Seismic Code Requirements?*, 10th U.S.-Japan Workshop on Improvement of Structural Design and Construction Practices, Maui, Hawaii, June 30-July 2.
 12. Naeim, F., (2002), *Seismic Safety Enhancement Experiences Worldwide*, Invitational Conference on Improving Seismic Safety of the Urban Habitat, Tehran, Iran.
 13. Naeim, F. and Kircher, C., (2002), *On the Damping Adjustment Factors for Earthquake Response Spectra*, Proceedings of the 2002 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles.
 14. Naeim, F., (2000), *Learning from Stuctural and Nonstructural Seismic Performance of 20 Extensively Instrumented Buildings*, Proceedings of the 12th World Conference on Earthquake Engineering, Auckland, New Zealand, January.
 15. Naeim, F., (2000), *The Eiffel Tower II: Re-Engineering a Landmark*, Invited Lecture, North American Steel Construction Conference, Las Vegas, Nevada, February.
 16. Naeim, F., (2000), *The Electronic Engineering Office*, Invited Lecture, SELSOC, Los Angeles, CA, February.

17. Naeim, F., (2000), *Design and Construction of Eiffel Tower II*, Invited Lecture, SEAOSD, San Diego, CA, February.
18. Naeim, F., (2000), *Practical Design Considerations for Floor Vibrations in Steel-Framed Buildings*, ASCE Structures Congress 2000, Philadelphia, May.
19. Naeim, F., (2000), *Seismic Upgrade of the UCLA Knudsen Hall with Viscous Damping Devices*, ASCE Structures Congress 2000, Philadelphia, May.
20. Naeim, F., Reinhorn, A.M., and Skliros, K., (2000), *Influence of Hysteretic Deteriorations on Seismic Response of Multistory Steel Frame Buildings*, ASCE Structures Congress 2000, Philadelphia, May.
21. Naeim, F., Skliros, K., and Reinhorn, A.M., (2000), *Influence of Hysteretic Deterioration in Seismic Response of Multistory Frame Buildings*, Proceedings of the 12th World Conference on Earthquake Engineering, Auckland, New Zealand, January.
22. Martin, J.A., Jr. and Naeim, F., (1999), *Structural Engineering Following the 1994 Northridge Earthquake*, Consturction Specifications Institute Annual Convention, Los Angeles, CA.
23. Naeim, F. and Lobo, R. M., (1999), *Avoiding Common Pitfalls in Pushover Analysis*, Proceedings of the 8th Canadian Conference on Earthquake Engineering, Vancouver, B.C.
24. Naeim, F., Martin, J.A., Jr., Gong, V., Norton, G, Schindler, B.S., Sgambellurri, M, Rahman, M.A., (1999), *Structural Analysis and Design of the Walt Disney Concert Hall, Los Angeles*, Proceedings of the 1999 SEOAC Annual Convention, Santa Barbara, CA, October.
25. Naeim, F., (1998), *Lessons Learned from Seismic Performance of Extensively Instrumented Buildings*, Proceedings of the 8th U.S.-Japan Workshop on Improvement of Structural Design and Construction Practices, Applied Technology Council.
26. Naeim, F. and Lobo, R. M., (1998), *The Ten Commandments of Pushover Analysis*, Proceedings of the 1998 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, CA.
27. Sassi, H. and Naeim, F., (1998), *Elements of Blast Resistant Design*, Proceedings of the 1998 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, , , Los Angeles, CA.
28. Naeim, F., (1997), *Earthquake Records and their Influence on Seismic Design*, Earthquake Engineering Workshop, Organized by Technion (Israel Institute of Technology), Tel Aviv, March.
29. Naeim, F., (1997), *UCLA Royce Hall: Anatomy of An Award Winning Seismic Correction*, American Concrete Institute Annual Convention, April.
30. Naeim, F., (1997), *Configuration Issues in Seismic Design*, Invited Lecture to Canadian Society of Civil Engineers, Vancouver, British Columbia, April.

31. Naeim, F., (1997), *Instrumented Buildings and What Can be Learned from Them*, Invited Lecture to Canadian Society of Civil Engineers, Vancouver, British Columbia, April.
32. Naeim, F., (1997), *Strength-Based 1997 Uniform Building Code Provisions and Tall Buildings*, ASCE Structures Congress, Portland, Oregon.
33. Naeim, F., (1997), *World Wide Web Frontiers for Seismic Analysis and Design*, Proceedings of the 4th Conference on Tall Buildings in Seismic Regions, Los Angeles, CA.
34. Naeim, F., (1997), *Seismic Analysis and Design of the Metropolitan Water District Headquarters in Los Angeles*, Proceedings of the 1997 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, CA, .
35. Naeim, F., (1997), *Structural Analysis and Design of the Metropolitan Water District Headquarters in Los Angeles, California*, Proceedings of the 4th Conference on Tall Buildings in Seismic Regions, Los Angeles, CA.
36. Naeim, F., (1996), *Interactive Building Seismic Performance Information System*, Proceedings of the 11th National Congress and Workshop on Civil Engineering, Jerusalem, March.
37. Naeim, F., (1996), *Learning from Seismic Response of Instrumented Buildings*, Proceedings of the 1996 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, CA.
38. Naeim, F., (1996), *The Proposed Structural Analysis Criteria for the City of Los Angeles*, Proceedings of the 1996 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, CA.
39. Naeim, F., (1996), *A Rational Methodology for Seismic Rehabilitation of Historical Buildings*, Proceedings of the 1996 Annual Meeting of the Los Angeles Tall Buildings Structural Design Council, Los Angeles, CA.
40. Naeim, F., (1996), *Seismic Performance of 20 Extensively-Instrumented Buildings During the 1994 Northridge Earthquake*, Proceedings of the SMIP-96 Seminar, Sacramento, CA.
41. Naeim, F., (1995), *Seismic Base Isolation in Practice: The California Experience*, Proceedings of the ASME/JSME PVP Conference, Hawaii.
42. Naeim, F., (1994), *The 1994 Northridge Earthquake Ground Motions, Implications for Structural Design of Tall Buildings*, Invited Lecture, 3rd Conference on Tall Buildings in Seismic Regions, Los Angeles, CA, May.
43. Naeim, F., (1994), *Earthquake Records and Design*, Proceedings of the Fifth National Conference on Earthquake Engineering, Chicago, IL.
44. Naeim, F., (1994), *The Makings of the First Multimedia Earthquake Encyclopedia*, Proceedings of the Fifth National Conference on Earthquake Engineering, Chicago, IL.

45. Naeim, F., (1994), *Structural Design Implications of the 1994 Northridge Earthquake Ground Motions*, Proceedings of the 6th US-Japan Workshop on the Improvement of Structural Design and Construction Practices, ATC-15-5, Victoria, BC.
46. Naeim, F., (1993), *Are Seismically Isolated Hospital Structures in California Being Designed for Rational and Reasonable Ground Motions?*, Proceedings of the ATC-17-1 Seismic Isolation Seminar, San Francisco, March.
47. Naeim, F., (1993), *The San Andreas Fault System, A Multimedia Earthquake Information System*, Proceedings of the Fifth International Conference on Computing in Civil and Structural Engineering, Anaheim, CA, June.
48. Naeim, F., (1993), *What is Multimedia Computing?*, Proceedings of the Fifth International Conference on Computing in Civil and Structural Engineering, Anaheim, CA, June.
49. Naeim, F., (1993), *The Building Code Desktop for Engineers*, Proceedings of the Fifth International Conference on Computing in Civil and Structural Engineering, Anaheim, CA, June.
50. Naeim, F., (1993), *A Multimedia Information System for Buildings and Campuses*, Proceedings of the Fifth International Conference on Computing in Civil and Structural Engineering, Anaheim, CA, June.
51. Naeim, F., (1993), *Multimedia in Building Rehabilitation*, Proceedings of the Fifth International Conference on Computing in Civil and Structural Engineering, Anaheim, CA, June.
52. Naeim, F., (1992), *Seismic Hazard Mitigation Practice in Greater Los Angeles Area*, Proceedings of the First International Conference on Disaster Prevention in Urban Areas, Tehran, Iran, May.
53. Naeim, F., (1991), *Scaling Design Spectra and Seismic Safety of Tall Buildings in Greater Los Angeles*, Proceedings of the Second Conference on Tall Buildings in Seismic Regions, Organized by Council on Tall Buildings and Urban Habitat and Los Angeles Tall Buildings Structural Design Council, May.
54. Naeim, F., (1991), *The California Plaza Complex*, Proceedings of the Second Conference on Tall Buildings in Seismic Regions, Organized by Council on Tall Buildings and Urban Habitat and Los Angeles Tall Buildings Structural Design Council, May.
55. Naeim, F., (1991), *Structural Analysis and Design of the Los Angeles Center Towers*, Proceedings of the Second Conference on Tall Buildings in Seismic Regions, Organized by Council on Tall Buildings and Urban Habitat and Los Angeles Tall Buildings Structural Design Council, May.
56. Naeim, F., (1991), *Hidden Zones of High Stress in Seismic Response of Structural Walls*, Proceedings of the First International Conference on Seismology and Earthquake Engineering, Teheran, Iran, May.

57. Naeim, F., (1991), *Special Issues in Seismic Design of the CitiCorp II Tower*, Proceedings of the First International Conference on Seismology and Earthquake Engineering, Teheran, Iran, May.
58. Naeim, F., (1991), *The Loma Prieta Earthquake Revisited*, Construction Specification Institute, Annual Convention, June.
59. Naeim, F., (1991), *Understanding California Earthquakes*, Construction Specification Institute, Annual Convention, June.
60. Naeim, F., (1991), *Hidden Zones of High Stress in Seismic Response of Structural Walls - III -*, Proceedings of the International Conference on Buildings with Concrete Bearing Walls in Seismic Regions, Paris, France, June.
61. Naeim, F., (1991), *Earthquake Resistant Design of Tall Buildings, a One Day Workshop*, Sponsored by the Earthquake Engineering Research Center of the University of California at Berkeley, and Department of Civil Engineering at the University of Southern California, Los Angeles, CA, Jan.
62. Naeim, F., (1991), *Seismic Zones and Seismic Risk in California, Do They Correlate?*, 1991 SEAOC Convention, Palm Springs, CA, .
63. Naeim, F., (1990), *An Integrated Software System For Structural Design Education*, Structural Engineering Congress, Baltimore, MD, April.
64. Naeim, F., (1990), *Structural Analysis and Design of the CitiCorp II Tower*, Proceedings of the Second Annual Meeting, Los Angeles Tall Buildings Structural Design Council.
65. Naeim, F., (1990), *Hidden Zones of High Stress in Seismic Response of Structural Walls*, Proceedings of the SEAOC Annual Convention, Lake Tahoe, CA.
66. Naeim, F., (1988), *Building Design Language: A New Concept in Computer Analysis and Design of Building Structures*, Proceedings of the Fifth Conference on Computing in Civil Engineering, ASCE, Alexandria, VA, March.
67. Naeim, F., (1988), *A Dedicated Micro-Computer Workstation for Structural Design Education*, Proceedings of the Fifth Conference on Computing in Civil Engineering, ASCE, Alexandria, VA, March.
68. Naeim, F., (1985), *Research Needs in Structural Engineering from a Designer's Perspective*, Structural Engineering Congress, Chicago, Sept.
69. Naeim, F., (1985), *Potential Applications of Artificial Intelligence in Structural Engineering*, Proceedings, 2nd International Conference on Computing in Civil Engineering, Hangzhou, China, June.
70. Naeim, F., (1985), *Ground Motion Effects on the Seismic Response of Tall Buildings*, Second Century of the Skyscraper Workshop on Earthquake Loading and Response, Chicago, Illinois, Jan.

71. Naeim, F., (1985), *Applications of Artificial Intelligence in Preliminary Structural Design*, Proceedings of the 9th Conference on Electronic Computation, ASCE.
72. Naeim, F., (1984), *Design Criteria and Ground Motion Effects on the Seismic Response of Multi-story Buildings*, Proceedings, ATC-10-1, San Francisco, March.
73. Naeim, F., (1984), *An Automated Design Study of the Economics of Aseismic Steel Structures*, Proceedings of the 8th World Conference on Earthquake Engineering, San Francisco, CA, July.
74. Naeim, F., (1983), *Automated Design of Earthquake Resistant R/C Structures*, Proceedings of the 8th Conference on Electronic Computation, ASCE, Feb.
75. Anderson J.C. and Naeim, F., (1982), *Computer Graphics for Large Space Frames*, Proceedings of the Sino American Conference on Bridge and Structural Engineering, Beijing, China.
76. Anderson J.C. and Naeim, F., (1980), *Micro-Computer Analysis and Design of R/C Structures*, ASCE Annual Convention, Florida, Oct.