## บรรณานุกรม

- ณัฐวุฒิ อินทบุตร. "การประเมินการต้านทานแรงแผ่นดิน ใหวของอาคารคอนกรีตเสริมเหล็กชนิด แผ่นพื้น ใร้คาน". วิทยานิพนธ์มหาบัณฑิต คณะวิศวกรรมศาสตร์ ภาควิชาวิศวกรรมโยธา มหาวิทยาลัยธรรมศาสตร์, 2546.
- ชนิดา ไชยมงคล และยศวดี ยศปั้น. "การสำรวจสมรรถภาพอาคารต้านทานแผ่นดินใหวขั้นต้นโดย วิธีสังเกตด้วยตาอย่างรวดเร็ว". รายงานโครงงานทางวิศวกรรมศาสตร์ คณะวิศวกรรมศาสตร์ ภาควิชาวิศวกรรมโยชา มหาวิทยาลัยเชียงใหม่, 2552
- นรเทพ ชูพลู. "การประเมินความสามารถต้านทานแผ่นคินใหวของอาคารคอนกรีตเสริมเหล็ก" วิทยานิพนธ์มหาบัณฑิต คณะวิศวกรรมศาสตร์ ภาควิชาวิศวกรรมโยธา มหาวิทยาลัยธรรมศาสตร์, 2547.
- เป็นหนึ่ง วานิชชัย และคณะ. "งานวิจัยย่อยที่ 4 การประเมินระดับความต้านทานแผ่นดินใหวของ อาคารในกรุงเทพมหานครและศึกษาหาวิธีปรับปรุงอาคารที่อ่อนแอให้มีความต้านทาน แผ่นดินใหวในระดับที่เหมาะสม"., 2548.
- เป็นหนึ่ง วานิชชัย และอาเค ลิซานโตโน. "การวิเคราะห์ความเสี่ยงภัยแผ่นดินใหวสำหรับประเทศ ไทย วิศวกรรมสารฉบับวิจัยและพัฒนา" วิศวกรรมสถานแห่งประเทศไทย, ปีที่ 5 ฉบับที่ 1 พ.ศ. 2537, หน้า 69-91.
- วัชระ จันทร์อนันต์. "การเปรียบเทียบวิธีวิเคราะห์การประเมินความเสียหายของอาคารคอนกรีต เสริมเหล็กจากแรงแผ่นดินใหว" วิทยานิพนธ์มหาบัณฑิต คณะวิศวกรรมศาสตร์ ภาควิชา วิศวกรรมโยธา มหาวิทยาลัยสถาบันเทคโนโลยีพระจอมเกล้าพระนครเหนือ. 2549.

- ATC 21-1, (1988), "Rapid Visual Screening of Buildings for Potential Seismic Hazards", Appiedn Technology Council, California.
- ACI, Committee 318, (1995), "Building Code Requirements for Structural Concrete", American Concrete Institute, Farmington Hills, Michigan.
- Antoniou S., Rovithakis A. and Pinho R, (2002), Development and verification of a fully adaptive pushover procedure, Proceedings Twelfth European Conference on Earthquake Engineering, London, UK, Paper No. 822.
- ATC 40, (1996), Seismic Evaluation and Retrofit of Concrete Buildings, APPLIED TECHNOLOGY COUNCIL555 Twin Dolphin Drive, Suite 550Redwood City, California 94065.
- Aydinoglu, M.N, (2003), An incremental response spectrum analysis procedure based on inelastic spectral displacements for multi-mode seismic performance evaluation, Bulletin of Earthquake Engineering, No.1, pp. 3-36.
- Building Industry Authority, (1996), The Assessment and Improvement of the StructurePerformance of Earthquake Rick Buildings, Draft for general release, New ZealandNational Society for Earthquake Engineering, Wellington.
- Bracci, J.M., Kunnath, S. K. and Reinhorn, A.M, (1997), Seismic performance and retrofit evaluation of reinforced concrete structures, Journal of Structural Engineering, 123(1), pp. 3-10.
- Badoux M. (1998) Comparison of seismic retrofitting strategies with the capacity spectrum method, 11<sup>th</sup> European Conference on Earthquake Engineering, Balkema Rotterdam

- Chopra, A.K. and Goel, R.K, (2002), A modal pushover analysis procedure for estimating seismic demands for buildings, Earthquake Engineering and Structural Dynamics, Vol. 31, pp. 561-582.
- CEN, (1996), Eurocode 8: Design Provisions for Earthquake resistance structure Part 1-4 General rules, Strengthening and repair of buildings, ENV, Brussels.
- CSI. (2002). SAP2000 V-8: Integrated finite element analysis and design of structures basic analysis reference manual. Berkeley (CA, USA): Computers and Structures Inc.
- D'Ayala and Charleson, (2002), Review of seismic strengthening guidelines for R.C. Buildings in developing countries, 12<sup>th</sup> European Conference on Earthquake Engineering Paper Reference 820.
- Durgesh C. Rai, (2005), Seismic Evaluation and Strengthening of Existing Buildings Department of Civil Engineering Indian Institute of Technology Kanpur Kanpur 208 016.
- FEMA 273, (1997), Guidelines for the Seismic Rehabilitation of Building, Federal Emergency Management Agency, Washington, D.C.
- FEMA 310, (1998), Handbook for the Seismic Evaluation of Buildings, Federal Emergency Management Agency, Washington, D.C.
- FEMA 356, (2000), Prestandard and Commentary for the Seismic Rehabilitation of Buildings, Edition 2 March 2002, Federal Emergency Management Agency, Washington, D.C.
- FEMA 154, (2002), Rapid Visual Screening of Buildings for Potential Seismic Hazards, Edition 2 March 2002, Federal Emergency Management Agency, Washington, D.C.

- Gupta, B. and Kunnath, S.K, (2000), Adaptive spectra-based pushover procedure for seismic evaluation of structures, Earthquake Spectra, 16(2), pp. 367-391.
- Harpal, S., Paul, D.K. and Sastry, V.V., (1998), Inelastic Dynamic Response of Reinforced Concrete Infilled Frames. Computers and Structures, Vol.69, pp. 685-693.
- Hong, H., Guo-Wei M. and Yong L., (2002), Damage Assessment of Masonry Infilled RC Frames Subjected to Blasting Induced Ground Excitations, Engineering Structure, Vol.24, No.6, pp.671-838.
- International Conference of Building Officials (ICBO), (1988), Uniform building codes.

  California, Whittier.
- Indian Standard (1993), Repair and Seismic Strengthening of Buildings Guideline, IS 13835, Bureau of Indian Standards, New Delhi.
- Inel, M and Ozmen, H. B., (2006), Effects of plastic hinge properties in nonlinear analysis of reinforced concrete buildings, Engineering Structures, Vol 28, 1494–1502.
- Kalkan and Kunnath, (2006), Assessment of current nonlinear static procedures for seismic evaluation of buildings, Department of Civil and Environmental Engineering, University of California, Davis, CA 95616, United States.
- Kiattivisanchai, S., (2001), Evaluation of Seismic Performance of an Existing Medium-Rise Reinforced Concrete Frame Building in Bangkok, M.Eng thesis, Thesis No. ST-01-11, Asian Institute of Technology.
- Krawinkler, H. and Seneviratna, G.D.P.K., (1998), Pros and cons of a pushover analysis of seismic performance evaluation, Engineering Structures, 20(4-6), pp 452-464.

- Lawson, R.S., Vance, V. and Krawinkler, H. (1994), Nonlinear static push-over analysis why, when, and how?, Proceedings of the Fifth U.S. National Conference on Earthquake Engineering, Earthquake Engineering Research Institute, Oakland, California, I, Vol I:283-292.
- Malaivongs K. (1967), The Behavior of Brick Infilled Reinforced Concrete Frames, M.Eng. thesis, Asian Institute of Technology.
- Mander J.B., Priestley M.J.N., Park R. [1988] Theoretical stress-strain model for confined concrete, Journal of Structural Engineering, Vol. 114, No. 8, pp. 1804-1826.
- Madas P. and Elnashai A.S. [1992] "A new passive confinement model for transient analysis of reinforced concrete structures," Earthquake Engineering and Structural Dynamics, Vol. 21, pp. 409-431.
- Mansour B, Mahmoud M. (2010), Performance-based design in earthquake engineering, Proceedings of the 5th National Congress on Civil Engineering, Ferdowsi University of Mashhad, Mashhad, Iran
- Mehmet Inel and Hayri Baytan Ozmen (2006), Effect of plastic hinge properties in nonlinear analysis of reinforced concrete buildings, Engineering Structure, Vol.28, 1494-1502.
- Moghadam, A.S. and Tso, W.K., (2002), A pushover procedure for tall buildings, Proceedings of the 12<sup>th</sup> European Conference on Earthquake Engineering, Paper 395.
- Nateghi-A, F, (1995), Seismic strengthening of eight-storey RC apartment building using steel braces, Engineering Structures, Vol. 17, No. 6 pp. 455-461.
- Nollet, M. J. and Smith, B. S., (1998), Stiffened-Story Wall-Frame Tall Building Structure, Computers and Structure, Vol. 66, No. 2-3, pp.225-240.

- Paret, T. F., Sasaki, K. K., Elibeck, D. H. and Freeman, S. A., (1996), Approximate inelastic procedures to identify failure mechanism from higher mode effects, Proceedings of the Eleventh World Conference on Earthquake Engineering, Paper 966, Pergamon, Elsevier Science Ltd, Acapulco, México.
- Paulay T. and Prisetley M. (1992), Seismic Design of Reinforced Concrete and Masonry Building, New York: John Wiley&Sons Inc.
- Prakash, V., Powell, G. H. and Campbell, S., (1993) "Drain–2DX base program description and user guide version 1.10", Structural engineering mechanics and materials report no. UCB/SEMM-93-18. Berkeley: University of California.
- Prakash, V., Powell, G. H. and Campbell, S., (1994), "Drain–3DX base program description and user guide, and element description version 1.10", Structural engineering mechanics and materials report no. UCB/SEMM-94-07 and 94-08. Berkeley: University of California.
- Qian J. and Zhou J. (2001), Full-range pushover analysis of a RC frame, Earthquake Engineering Frontiers in the New Millennium, Spencer and Hu (eds), pp 403-409.
- RAM International. Perform-2D. West Carlsbad, CA 92008 at http://www.ramint.com.
- Requena, M. and Ayala, G., (2000), "Evaluation of a simplified method for the determination of the non-linear seismic response of RC frames", Proceedings of the Twelfth World Conference on Earthquake Engineering, Paper 2109. New Zealand Society for Earthquake Engineering, Upper Hutt, New Zealand.

- Sasaki, K. K., Freeman, S. A. and Paret, T. F., (1998), "Multi-mode pushover procedure (MMP) a method to identify the effects of higher modes in a pushover analysis", Proceedings of the Sixth U.S. National Conference on Earthquake Engineering, Earthquake Engineering Research Institute, Oakland, California, 12 pages.
- Sengkhamkhoutlavon, B. (2000), Size Effect of Burnt Clay Brick, M.Eng. thesis, Asian Institute of Technology.
- Sahota, M. K. and Riddington, J. R., (2001). "Experimental Investigation into Using Lead to Reduce Vertical Load Transfer in Infilled Frames", Engineering Structures, No 23, pp.94-101.
- Sokkary,H.E. and Galal K., (2009), Analytical investigation of the seismic performance of RC frames rehabilitated using different rehabilitation techniques, Department of Building, Civil and Environmental Engineering, Concordia University, Montréal, Québec, Canada.
- SeismoSoft, (2010). SeismoStruct A Computer Program for Static and Dynamic Nonlinear Analysis of Framed Structures [on line], available from URL: http://www.seismosoft.com
- Tongpatanakul, S., (1968), The Structural Behavior of Brick Infilled Reinforced Concrete Frame, M.Eng. thesis, Asian Institute of Technology.

## ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright<sup>©</sup> by Chiang Mai University All rights reserved