

References

- Bazzurro, P. and Cornell, C.A. (1994a). "Seismic Hazard Analysis for Non-Linear Structures I: Methodology." *Journal of Structural Engineering*, ASCE, 120, 11, pp. 3320-3344
- Bazzurro, P. and Cornell, C.A. (1994b). "Seismic Hazard Analysis for Non-Linear Structures II: Methodology." *Journal of Structural Engineering*, ASCE, 120, 11, pp. 3345-3365
- Bird, R.B., Armstrong, R.C., and Hassager, O. (1987). *Dynamics of Polymeric Liquids*, J. Wiley and Sons, New York, NY.
- Charney, F.A. (1997). "NONLIN: A Computer Program for Earthquake Engineering Education." The EERC-CUREe Symposium in Honor of Vitelmo V. Bertero, Berkeley, California, Berkeley: Earthquake Engineering Research Center, University of California, pp. 251-254.
- Computer and Structures, Inc. (1998). *SAP2000 Analysis Reference: Version 7.0*, Berkeley, CA.
- Constantinou, M.C. and Symans, M.D. (1992). "Experimental and Analytical Investigation of Seismic Response of Structures with Supplemental Fluid Viscous Dampers." *Tech Rep. NCEER-92-0027*, National Center for Earthquake Engineering Research, State Univ. of New York (SUNY) at Buffalo, N.Y.
- Constantinou, M.C. and Symans, M.D. (1993a). "Experimental Study of Seismic Response of Buildings with Supplemental Fluid Dampers." *The Structural Design of Tall Buildings*, 2, pp. 93-132.
- Constantinou, M.C. and Symans, M.D. (1993b). "Seismic Response of Buildings with Supplemental Damping." *The Structural Design of Tall Buildings*, 2, pp. 77-92.
- Chung, Y.S., Meyer, C., and Shinozuka, M. (1987). "Seismic Damage Assessment of Reinforced Concrete Members." *Tech Rep. NCEER-87-0022*, National Center for Earthquake Engineering Research, State Univ. of New York (SUNY) at Buffalo, N.Y.
- Deierlein, G.G. (1998). "Summary of SAC Case Study Building Analysis." *Journal of Performance of Constructed Facilities*, 12, 4, pp. 203-212.
- Fajfar, P. (1992). "Equivalent Ductility Factors, Taking into Account Low-Cycle Fatigue." *Earthquake Engineering and Structural Dynamics*, 21, pp. 837-848.

FEMA (2000) *NEHRP Recommended Provisions for Seismic Regulation for New Buildings and Other Structures*

Filiatrault, A. and Kremmidas, S. (1998). "Seismic Behavior of Steel Moment-Resisting Frames Retrofitted with Passive-Friction Energy Dissipating Systems Under Near-Fault Ground Motions." *Proceedings of 8th Canadian Conference on Earthquake Engineering*, Vancouver, Canada, pp. 379-384.

Filiatrault, A., Tremblay, R., and Wanitkorkul, A. (2001). "Performance Evaluation of Passive Damping Systems for the Seismic Retrofit of Steel Moment-Resisting Frames Subjected to Near-Field Ground Motions." *Earthquake Spectra*, EERI, 17, 3, pp. 427-454.

Gupta, A. and Krawinkler, H. (1999). "Seismic Demands for Performance Evaluation of Steel Moment Resisting Frame Structures (SAC Task 5.4.3)." Report No. 132, The John A. Blume Earthquake Engineering Center, Stanford University.

Hall, J.F., Heaton, T.H., Halling, M.W., and Wald, D.J. (1995). "Near-Source Ground Motions and its Effects on Flexible Buildings." *Earthquake Spectra*, EERI, 11, 4, pp. 569-605.

Hanson, R.D. and Soong T.T. (2001). *Seismic Design with Supplemental Energy Dissipation Devices*. Earthquake Engineering Research Institute, Oakland, CA.

Housner, G.W., Bergman, L.A., Caughey, T.K., Chassiakos, A.G., Claus, R.O., Masri, S.F., Skelton, R.E., Soong, T.T., Spencer, Jr., B.F. and Yao, T.P. (1997). "Structural Controls: Past, Present and Future." *Journal of Engineering Mechanics*, ASCE, 123, 9, pp. 897-971.

Jennings, P.C. (1968). "Equivalent Viscous Damping for Yielding Structures." *Journal of the Engineering Mechanics Division*, ASCE, 94, 1, pp. 103-115.

Jinping, O., Bo, W. and Soong T.T. (1996). "Recent Advances in Research on and Applications of Passive Energy Dissipation Systems." *Earthquake Engineering and Engineering Vibration*, 16, 3, pp. 72-96.

Kunnath, S.K., Reinhorn, A.M., and Lobo, R.F. (1992). "IDARC Version 3.0: A Program for the Inelastic Damage Analysis of RC Structures." *Tech Rep.* NCEER-92-0022, National Center for Earthquake Engineering Research, State Univ. of New York (SUNY) at Buffalo, N.Y.

Lee, K. and Foutch, D.A. (2002). "Performance Evaluation of New Steel Frame Buildings for Seismic Loads." *Earthquake Engineering and Structural Dynamics*, 31, 3, pp. 653-670

- Lin, W.H. and Chopra, A.K. (2002). "Earthquake Response of Elastic SDF Systems with Non-Linear Fluid Viscous Dampers." *Earthquake Engineering and Structural Dynamics*, 31, 9, pp. 1623-1642.
- Luco, N. and Cornell, C.A. (1998). "Effects of Random Connection Fractures on Demand and Reliability for a 3-Storey Pre-Northridge SMRF Structure." *Proceedings of the 6th U.S. National Conference on Earthquake Engineering*, EERI, Seattle, WA.
- MacRae G.A. and Kawashima K. (1997). "Post-Earthquake Residual Displacements of Bilinear Oscillators." *Earthquake Engineering and Structural Dynamics*, 26, 7 pp. 701-716.
- Mahin, S.A., and Bertero, V.V. (1981). "An Evaluation of Inelastic Seismic Design Spectra." *Journal of the Structural Division*, ASCE, 107, 9, pp. 1777-1795.
- Makris, N. (1997). "Vibration Control of Structures During Urban Earthquakes." *Proceedings of the American Control Conference*, IEEE, Piscataway, NJ, pp. 3957-3961
- Makris, N. (1998). "Viscous Heating of Fluid Dampers. I: Small-Amplitude Motions." *Journal of Engineering Mechanics*, ASCE, 124, 11, pp. 1211-1216.
- Makris, N. and Constantinou, M.C. (1990). "Viscous Dampers: Testing, Modeling and Application in Vibration and Seismic Isolation." *Tech. Rep. NCEER-90-0028*, National Center for Earthquake Engineering. Research State Univ. of New York (SUNY) at Buffalo, N.Y.
- Makris, N. and Constantinou, M.C. (1991). "Fractional-Derivative Maxwell Model for Viscous Dampers." *Journal of Structural Engineering*, ASCE, 117, 9 pp. 2708-2724.
- Makris, N., Constantinou, M.C. and Dargush, G.F. (1993). "Analytical Model of Viscoelastic Fluid Dampers." *Journal of Structural Engineering*, ASCE, 119, pp. 3310-3325.
- Makris, N., Roussos, Y., Whittaker, A.S., and Kelly, J.M. (1998). "Viscous Heating of Fluid Dampers. II: Large-Amplitude Motions." *Journal of Engineering Mechanics*, ASCE, 124, 11, pp. 1217-1223.
- Mehanny, S.S. and Deierlein, G.G. (2000). "Modeling and Assessment of Seismic Performance of Composite Frames with Reinforced Concrete Columns and Steel Beams." Report No. 136, The John A. Blume Earthquake Engineering Center, Stanford University.

- Miyamoto, H.K. and Singh, J.P. (2002). "Performance of Structures with Passive Energy Dissipators." *Earthquake Spectra*, EERI, 18, 1, pp. 105-119.
- Newmark, N. M. and Hall, W. J. (1982). *Earthquake Spectra and Design*. Earthquake Engineering Research Institute, Berkeley, CA
- Park, Y.J., Ang, A.H.S., and Wen, Y.K (1985). "Seismic damage analysis of reinforced concrete buildings." *Journal of Structural Engineering*, ASCE, 111, 4, pp. 740-757
- Powell, G.H. (2000). *RAM Perform 2D Users Manual: Version 1.0*. RAM International, Carlsbad, CA.
- Prakash, V., Powell, G.H., and Campbell, S. (1993). *DRAIN-2DX Base Program Description and User Guide: Version 1.10*. Dept. of Civil Engineering, Univ. of California at Berkeley.
- Sorace, S. (1998). "Seismic Damage Assessment of Steel Frames." *Journal of Structural Engineering*, ASCE, 124, 5 pp. 531-540.
- Symans, M. and Constantinou, M. (1998). "Passive Fluid Viscous Damping Systems for Seismic Energy Dissipation." *ISET Journal of Earthquake Technology*, 35, 4, pp. 185-206.
- Takewaki, I. and Uetani, K. (1998). "Optimal Damper Placement in Shear-Flexural Building Models." *Proceedings of the Second World Conference on Structural Control*, Chichester, England, pp. 1273-1282.
- Tremblay, R., Filiatrault, A., and Kremmidas, S. (1998). "Near Field Seismic Response of Steel Moment Resisting Frames Retrofitted with Passive Friction Energy Dissipating Systems." *ISET Journal of Earthquake Technology*, 35, 4, pp. 185-206.
- Vamvatsikos, D. and Cornell, C.A. (2002). "Incremental Dynamic Analysis." *Earthquake Engineering and Structural Dynamics*, 31, 3, pp. 491-514
- Veletsos, A.S. and Newmark, N.M. (1964). "Response Spectra of Single Degree-of-Freedom Elastic and Inelastic Systems." *Design Procedures for Shock Isolation Systems of Underground Protective Structures*, Report RTD TDR-63-3096, Vol. III, Air Force Weapons Laboratory, Kirtland Air Force Base, New Mexico.