

LIST OF PAPERS BY MEMBERS OF EARTHQUAKE RESISTANT STRUCTURES RESEARCH CENTER

SEISAN-KENKYU	:Monthly Journal of the Institute of Industrial Science, University of Tokyo
JSCE	:The Japan Society of Civil Engineers
JSME	:The Japan Society of Mechanical Engineers
AIJ	:The Architectural Institute of Japan
JCI	:Japan Concrete Institute
JSSC	:The Japan Society of Steel Construction
JGS	:The Japan Geotechnical Society
*	:Written in Japanese

T. Okada: "Damage due to Hyogoken-Nanbu Earthquake," Proceedings of the Annual Convention of the Israel Associate for Architects and Civil Engineering, June 1995.

T. Okada: "CODES WE DON'T WANT TO CRACK," LOOK JAPAN, Vol.471, No.41, pp.24-25, June 1995.

Y. Nakano and T. Okada: "Seismic Risk Assessment of Buildings in an Earthquake-Prone Area in Japan," Bulletin of Earthquake Resistant Structure Research Center, No.28, pp.113-121, Institute of Industrial Science, University of Tokyo, September 1995.

F. Yamazaki, Y. Nakano, K. Meguro, T. Katayama and T. Okada: "KOBEnet Activities in IIS - An Earthquake Disaster Information Network for Researchers," Bulletin of Earthquake Resistant Structure Research Center, No.28, pp.3-5, University of Tokyo, September 1995.

K. Lee, Y. Nakano, F. Kumazawa and T. Okada: "Seismic Capacity of Reinforced Concrete Buildings Damaged by 1995 Hyogoken-Nanbu Earthquake," Bulletin of Earthquake Resistant Structure Research Center, No.28, pp.59-68, Institute of Industrial Science, University of Tokyo, September 1995.

K. Kabayama, A. Mikami, Y. Nakano and C. Tamura: "Damage Report on 1994 Sanriku-harukaoki Earthquake," Bulletin of Earthquake Resistant Structure Research Center, No.28, pp.97-106, Institute of Industrial Science, University of Tokyo, September 1995.

T. Okada and Y. Nakano (Edited): "State-of-the-art Report of Design and Practice of Fasteners Used for Seismic Retrofitting," pp.145-217, CEB (Comite Euro-International du Beton), September 1995.

K. Meguro, F. Kumazawa and A. Mikami: "Damage Report on the 1994 Hokkaido-Toho-Oki Earthquake", Bulletin of Earthquake Structure Research Center, No. 28, 77-95, 1995.

K. Kabayama, A. Mikami, Y. Nakano and C. Tamura: "Damage Report on 1994 Sanriku-Harukaoki Earthquake", Bulletin of Earthquake Structure Research Center, No. 28, 97-106, 1995.

* K. Konagai: "Dynamic Failure Process of Dilative Granular Slope", SEISAN-KENKYU, Vol. 47, No. 11, pp. 3-9, 1995.

K. Konagai and P. Rangelow: "Real-time observation of dynamic changes in the fabric of granular material structures through Laser-Aided Tomography", Proceedings of 10th European Conference on Earthquake Engineering, pp. 459-465, 1995.

* A. Mikami and K. Konagai: "Simplified Approach for Evaluation of Dynamic Interaction between Embedded body and the Surrounding Soil", 23rd JSCE Conference on Earthquake Engineering, pp. 401-404, 1995.

P. Rangelow, K. Konagai: "Experimental Observation of the Failure Process in a Dynamic Bearing Capacity Test in Submerged Sand", 50th Annual Convention of JSCE, 3-B, pp. 844-845, 1995.

* Y. Yano and K. Konagai: "Effect of Vertical Ground Motion on Dynamic Failure Process of Particle Assemblage and its Frequency Dependence", 50th Annual Convention of JSCE, 1-B, pp. 1364-1365, 1995.

* A. Mikami and K. Konagai: "Modified Quasi-Three-Dimensional Model for the Analysis of Dynamic Soil-Structure Interaction", 50th Annual Convention of JSCE, 1-B, 1698-1699, 1995.

X. Luo and K. Konagai: "Dynamic Green's Functions for Semi-infinite Poroelectric Medium", 50th Annual Convention of JSCE, 1-B, pp. 1696-1697, 1995.

* K. Konagai: "Some Problems of Estimating Earthquake-induced Extensive Soil Failure and the Relevant Structural Damage", Symposium on the Great Hanshin Earthquake, pp. 175-182, 1996.

* T. Fujita, K. Miyazaki, N. Murai, S. Aizawa, M. Yamamoto and K. Tohyama: "Active Vibration Control of a Beam with Smart Structure using Piezoelectric Actuator of Stack Type," Trans. of JSME, Vol.61, No.584, pp.1337-1342, April 1995.

* M. Yasuda, T. Fujita, Y. Tagawa: "Development of Microvibration Testing Device," (Realizing Microvibrational Reference Waves Smaller than Floor Vibrations) Trans. of JSME, Vol.61, No.584, pp.1313-1319, April 1995.

* S. Fujita, O. Furuya, T. Fujita, Y. Suizu, Y. Kasahara, T. Teramoto and H. Kitamura: "Vibration Control of High-Rise Buildings Using High-Damping Rubber Damper" (2nd Report, Loading Tests and Design Formula for Cylinder-Type High-Damping Rubber Damper), Trans. of JSME, Vol.61, No.585, pp.1885-1890, May 1995.

T. Fujita: "Active Control of Vibrations of Tall Building," Proc. of the IASS International Symposium 1995 (Milano, Italy) , pp.1029-1041, June 1995

K. Tanaka, T. Fujita, H. Ohyama, Y. Nakamura, M. Ishii, K. Murakoshi and H. Kurabayashi: "Development and Practical Application of Hybrid Mass Damper Using AC-Servomotor for Vibration Control of Tall/Slender Buildings," Proc. of the IASS International Symposium 1995 (Milano, Italy) , pp.1093-1100, June 1995.

T. Fujita, K. Ishida, T. Yoshizawa, I. Nishikawa and Y. Muramatsu: "Study for the Prediction of the Long-Term Durability of Seismic Isolators," 1995 ASME/JSME Pressure Vessels & Piping Conference, Honolulu, Hawaii, U.S.A., July 1995.

S. Fujita, O. Furuya, T. Fujita, Y. Kasahara, Y. Suizu, S. Morikawa, T. Teramoto and H. Kitamura: "Research and Development of High-Damping Rubber Damper for Vibration Control of Tall Buildings," 1995 ASME/JSME Pressure Vessels & Piping Conference, Honolulu, Hawaii, U.S.A., July 1995.

S. Fujimoto, H. Niwa, H. Kondo, K. Gunyasu, N. Takamatsu, H. Shibata, F. Hara, T. Fujita, T. Kubo, K. Terada and Y. Sasaki: "Seismic Proving Test of Process Computer Systems with a Seismic Floor Isolation System," 1995 ASME/JSME Pressure Vessels & Piping Conference, Honolulu, Hawaii, U.S.A., July 1995.

H. Kondo, S. Fujimoto, H. Niwa, K. Gunyasu, N. Takamatsu, H. Shibata, F. Hara, T. Fujita, T. Kubo, K. Terada, and Y. Sasaki: "Seismic Proving Test of Process Computer System with a Seismic Floor Isolation System," 13th Int. Conf. on Structural Mechanics in Reactor Technology (SMiRT), Port Alegre, Brasil, August 1995.

T. Fujita: "Behavior of Base-Isolated Buildings in the 1995 Great Hanshin Earthquake and Overview of Recent Activities on Seismic Isolation in Japan," Int. Post-SMiRT Conference Seminar on Seismic Isolation, Passive Energy Dissipation and Active Control of Vibrations of Structures, Santiago, Chile, August 1995.

Y. Suizu, S. Suzuki, Y. Kasahara, S. Fujita and T. Fujita: "Research, Development and Application of High-Damping Rubber Dampers for Vibration Control of Buildings," Int. Post-SMiRT Conference Seminar on Seismic Isolation, Passive Energy Dissipation and Active Control of Vibrations of Structures, Santiago, Chile, August 1995.

K. Hirata, H. Shibata and T. Fujita: "Methods of Ensuring Seismic Safety in the Technical Guidelines Proposed for FBR Seismic Isolation System," Int. Post-SMiRT Conference Seminar on Seismic Isolation, Passive Energy Dissipation and Active Control of Vibrations of Structures, Santiago, Chile, August 1995.

T. Fujita: "Recent Progress in Seismic Isolation Rubber Bearings," Int. Rubber Conference 1995 KOBE-Special Session on Rubber Bearings for Seismic Isolation, Kobe, Japan, October 1995.

* T. Fujita, T. Hommma, H. Kondo, T. Kobayashi and I. Sakai: "Active 6 DOF Microvibration Control System Using Giant Magnetostrictive Actuator," Trans. of JSME, Vol.62, No.593, January 1996.

* T. Fujita, K. Tanaka, H. Ohyama, Y. Nakamura, H. Hora, H. Miyano and M. Suganuma: "Large-Scale Model Experiment of Hybrid Mass Damper with Convertible Active and Passive Modes Using Linear Motor for Vibration Control of Tall Buildings," Trans. of JSME, Vol.62, No.594, February 1996.

C. Zavala, K. Ohi, K. Takanashi: "Neuro Hybrid Substructuring On-line Test on Planar Moment Frames," Proc. of the 4th International Conference on Inspection, Appraisal Repairs and Maintenance of Buildings and Structures, Elsevier Science Ltd.(Hong Kong), March 1995.

K. Takanashi: "Structural Design of Tall Buildings in an Earthquake Country." Proceedings of 5th World Congress on Habitat and the High-Rise (Amsteldam) , pp.901-914, May 1995.

K. Ohi, K. Takanashi, A. Nishida and H. Sun: "Plastic Design of Steel Frames by Minimum-Norm Stress Fields with or without Target Mechanisms," Proc. of Plasticity'95 (The 5th International Symposium on Plasticity and its current applications), pp.459-462, GORDON AND BREACH PUBLISHERS, July 1995.

C. Zavala, K. Ohi, K. Takanashi: "A General Scheme for Substructuring On-line Hybrid Test on Planar Moment Frames (The Neural Network Model)." Proc. of the 4th Pacific Structural Steel Conference in Singapore (PSSC'95), pp.127-132, Elsevier Science, August 1995.

K. Takanashi, K. Ohi, X. Lin, and S. Lee: "Earthquake Response Tests on Multi-Bent Industrial Buildings Utilizing Substructuring Technique." Proc. of the Pacific Structural Steel Conference in Singapore (PSSC'95), Elsevier Science, pp.431-438, October 1995.

H. Sun, K. Ohi, A. Nishida and K. Takanashi: "Stochastic Limit Analysis of 3-Dimensional Frames with Varying Axial Forces." Proc. of Asian Pacific Symposium on Structural Reliability and its Applications (APSSRA95) Extended Abstract, p.20, November 1995.

K. Kawaguchi and Y. Hangai: "Report on Spatial Structures Damaged by the 1995 Great Hanshin Earthquake", Bulletin of ERS, No.28, pp.69-76, March 1995.

S. Ohya and Y. Hangai: "Buckling Load of Combined Lattice Shell of Spherical and Cylindrical Forms", Proceedings of the International Conference on Stability of Structures, Coimbatore, India, edited by S.Rajasekaran and S.Sridharan, pp.627-639, June 1995.

Y. Hangai and Y. Kanai: "Analytical Method for Shape Control of Structures", Proceedings of the International Symposium on Spatial Structures: Heritage, Present and Future, Milano, Italy, edited by G.C.Giuliani, pp.55-62, June 1995.

M. Takayama and Y. Hangai: "Experiments of the Effect of Loading Condition on Buckling Behaviour of Reinforced Concrete Cylindrical Shells", Proceedings of the International Symposium on Spatial Structures: Heritage, Present and Future, Milano, Italy, edited by G.C.Giuliani, pp.425-432, June 1995.

T. Miyamura and Y. Hangai: "Wrinkling on Isotropic and Orthotropic Elastic Circular Membranes under In-Plane Torsion", Proceedings of the International Symposium on Spatial Structures: Heritage, Present and Future, Milano, Italy, edited by G.C.Giuliani, pp.851-858, June 1995.

K. Oda and Y. Hangai: "Optimal Self-Equilibrating Structures in Cable Structures", Proceedings of the International Symposium on Spatial Structures: Heritage, Present and Future, Milano, Italy, edited by G.C.Giuliani, pp.859-864, June 1995.

S. Kato, K. Kawaguchi and T. Saka: "Preliminary Report on Hanshin Earthquake", Proceedings of the International Symposium on Spatial Structures: Heritage, Present and Future, Milano, Italy, edited by G.C.Giuliani, Vol.2, pp.1059-1066, June 1995.

Y. Hangai: "Application of Generalized Inverse Matrix to Shape Analysis of Structures", Proceedings of the International Conference on Lightweight Structures in Civil Engineering, Warsaw, edited by J.B.Obrebski, pp.125-131, Sept. 1995.

Y. Hangai and Y. Kanai: "Actuator Arrangement and Analytical Method for Shape Control of Structures", Proceedings of the International Conference on Structural Dynamics, Noise and Control, Hong Kong, edited by D.M.Zhu and J.M.Ko, pp.1065-1070, Dec. 1995.

A. Nishida and Y. Hangai: "Damping Properties of Lattice Structures", Proceedings of the International Conference on Structural Dynamics, Noise and Control, Hong Kong, edited by D.M.Zhu and J.M.Ko, pp.307-310, Dec. 1995.

K. K. Choong, Y. Hangai and K. Oda: "Stability Boundary of Structures with Two Independent Loadings", Proceedings of Symposium on Computational Methods in Structural Engineering and Related Fields, Vol.19, pp.379-384, JSSC, July 1995.

M. Fernandez, Y. Hangai and S. Taki: "Shape Finding Analysis of Vibrating Towered Cylindrical Shells by the Inverse Eigen Problem", Summaries of Technical Papers of Annual Meeting, AIJ, B-1, pp.465-466, Aug. 1995.

M. Fernandez and Y. Hangai: "Shape Analysis of Cylindrical Shells with Prescribed Natural Frequencies", Proceedings of Colloquium for Structural Morphology - Analysis and Generation-, AIJ, pp.135-148, Nov. 1995.

M. Fernandez and Y. Hangai: "Structural Shape Analysis of Towered Cylindrical Shells with Prescribed Displacement Modes of Vibration", Preprint of 45th Japan NCTAM, pp.383-384, Jan. 1996.

H. I. Ling, F. Tatsuoka and M. Tateyama: "Simulating performance of GRS-RW by finite-element procedure," Journal of Geotechnical Engineering, ASCE, Vol.121, No.4, pp.330-340, April 1995.

F. Tatsuoka: "Discussion on "Response prediction of granular materials at low effective stresses by E.J. Macari-Pasquino, K. Runessen, S. Sture," Journal of Geotechnical Engineering, ASCE, Vol.121, No.9, pp.678-680, September 1995.

F.Tatsuoka and Y.Kohata : "Stiffness of hard soils and soft rocks in engineering applications," Pre-failure deformation of geomaterials. Vol.2, pp. 947-1063, Shibuya, Mitachi & Miura (eds), A.A.Balkema. 1995.

F. Tatsuoka, Y. Kohata, T. Tsubouchi, K. Murata, K. Ochi and L. Wang, "Sample disturbance in rotary core tube sampling of softrock," Proc. of the International Conference on Advances in SITE INVESTIGATION PRACTICE, Preprint, Vol.1, London, March 1995.

F. Tatsuoka, D. Lo Presti and Y. Kohata: "Deformation characteristics of soils and soft rocks under monotonic and cyclic loads and their relationships," Proc. of the Third International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, Vol. 2, pp.851-879, St. Louis, Missouri, May 1995.

Y. Kohata, L. Wang, F. Tatsuoka, K. Ochi and T. Tsubouchi: "Inherent and induced anisotropy of sedimentary softrock," Proc. of the Tenth Asian Regional Conference on Soil Mechanics and Foundation Engineering, Vol. 1, pp.33-36, Beijing, August 1995.

F. Tatsuoka, Y. Kohata, T. Tsubouchi and K. Ochi, "Stiffness of sedimentary softrocks evaluated by triaxial compression tests," Proc. of the 8th International Congress on Rock Mechanics, Vol. 3, A.A.Balkema, September 1995.

F. tatsuoka, Y. Kohata, K. Ochi and T. Tsubouchi: "Stiffness of soft rocks in Tokyo metropolitan area - From laboratory tests to full - scale behaviour," Proc. of the International Workshop on ROCK FOUNDATION, Special Lecture, pp.3-18, A.A.Balkema, September 1995.

M.S.A. Siddiquee, F. Tatsuoka, A. Inoue, Y. Kohata, O. Yoshida, Y. Yamamoto and T. Tanaka: "Settlement of a pier foundation for Akashi-Kaikyo Bridge and its numerical analysis," Proc. of the International Workshop on ROCK FOUNDATION, pp.413-420, A.A.Balkema, September 1995.

M. Tateyama, F. Tatsuoka, J. Koseki and K. Horii: "Damage to soil retaining walls for railway embankments during the great Hanshin-Awaji earthquake, January 17, 1995," Proc. of the First International Conference on EARTHQUAKE GEOTECHNICAL ENGINEERING, Vol.1, pp.49-54, A.A.Balkema, November 1995.

F. Tatsuoka, M. Tateyama and J. Koseki: "Performance of geogrid-reinforced soil retaining walls during the great Hanshin-Awaji earthquake, January 17, 1995," Proc. of the First International Conference on EARTHQUAKE GEOTECHNICAL ENGINEERING, Vol.1, pp.55-62, A.A.Balkema, November 1995.

Y. Kohata, F. Tatsuoka, J.N. Mukabi and M. Suzuki: "Effects of strain rate and damage on deformation characteristics at small strain of geomaterials," Proc. of the First International Conference on EARTHQUAKE GEOTECHNICAL ENGINEERING, Vol.1, pp.151-156, A.A.Balkema, November 1995.

E. Hoque, F. Tatsuoka, T. Sato and Y. Kohata: "Inherent and stress-induced anisotropy in small strain stiffness of granular materials," Proc. of the First International Conference on EARTHQUAKE GEOTECHNICAL ENGINEERING, Vol.1, pp.277-282, A.A.Balkema, November 1995.

J. Koseki, A. Takahashi, Y. Hayashi and O. Matsuo: "Comparison of centrifuge and shaking table tests on liquefaction induced damage," Proc. of the First International Conference on EARTHQUAKE GEOTECHNICAL ENGINEERING, Vol.2, pp.729-734, A.A.Balkema, November 1995.

M. A. Ansary, F. Yamazaki, M. Fuse and T. Katayama: "Use of Microtremors for the Estimation of Ground Vibration Characteristics," Proc. of Third International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, Vol. 2, pp.571-574, April 1995.

T. Winkler, K. Meguro and F. Yamazaki: "Response of Interior Objects to Earthquakes," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.553-556, JSCE, July 1995.

G. L. Molas and F. Yamazaki: "The Effect of Source Depth and Local Site to the Attenuation Characteristics of Response Spectra," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.69-72, JSCE, July 1995.

M. A. Ansary, F. Yamazaki, T. Katayama and I. Towhata: "Analysis of Ground Motions at a Liquefied Site During the 1995 Great Hanshin Earthquake," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.277-280, JSCE, July 1995.

T. Ganev, F. Yamazaki, T. Katayama and T. Ueshima: "Soil-Structure Interaction of a Containment Model in Hualien, Taiwan," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.397-400, JSCE, July 1995.

L. Dicky, F. Yamazaki, G. L. Molas and T. Katayama: "Peak Vertical Ground Acceleration Prediction Using JMA-87 Type Accelerometer Data," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.97-100, JSCE, July 1995.

H. Darama and F. Yamazaki: "Probabilistic Method for the Design of Rigid-Block Secondary Systems," Proc. of the 23th JSCE Earthquake Engineering Symposium, pp.619-622, JSCE, July 1995.

H. Tong and F. Yamazaki: "A Relationship Between Seismic Ground Motion Severity and House Damage Ratio," Proc. of 4th U.S. Conference on Lifeline Earthquake Engineering, pp.33-40, August 1995.

K. Meguro, F. Yamazaki, T. Katayama and M. Soejima: "Characteristics of Power Demand in Tokyo," Proc. of 4th U.S. Conference on Lifeline Earthquake Engineering, pp.368-375, August 1995.

Y. Yoshikawa, H. Kano, F. Yamazaki, T. Katayama and N. Akasaka: "Development of SIGNAL: An Early Warning System of City Gas Network," Proc. of 4th U.S. Conference on Lifeline Earthquake Engineering, pp.160-167, August 1995.

F. Yamazaki, M. Oe, H. Saito, T. Okumura and T. Katayama: "Use of Microscopic GIS Data for Earthquake Scenario of Urban Residential Areas," GIS AM/FM ASIA '95, Session J, pp.1-10, August 1995.

H. Nakamura and F. Yamazaki: "Spatial Variation of Earthquake Ground Motion Based on Dense Array Records," Transactions of the 13th International Conference on Structural Mechanics in Reactor Technology, Vol. 3, pp.19-24, August 1995.

T. Ganev, F. Yamazaki, T. Katayama, T. Ueshima and T. Kokusho: "A Study of Soil-Structure Interaction of a Model Structure in Hualien, Taiwan," Proc. of the 50th Annual Conference of JSCE, I-B, pp.1354-1355, JSCE, September 1995.

A. M. Ansary, F. Yamazaki, T. Katayama and I. Towhata: "One Dimensional Response Analysis by Effective Stress Method at a Liquefied Site During the Great Hanshin Earthquake, 1995," Proc. of the 50th Annual Conference of JSCE, I-B, pp.1228-1229, JSCE, September 1995.

T. Winkler, K. Meguro and F. Yamazaki: "Response of Interior Objects to Earthquakes," Proc. of the 50th Annual Conference of JSCE, I-B, pp.1172-1173, JSCE, September 1995.

G. L. Molas and F. Yamazaki: "Attenuation of Ground Motion Response Spectra of Shallow to Deep Events," Proc. of the 50th Annual Conference of JSCE, I-B, pp.1234-1235, JSCE, September 1995.

L. Dicky, F. Yamazaki, G. L. Molas and T. Katayama: "Attenuation of Vertical Ground Acceleration Using JMA-87 Type Seismometer Data," Proc. of the 50th Annual Conference of JSCE, I-B, pp.1128-1129, JSCE, September 1995.

F. Yamazaki, Y. Nakano, K. Meguro, T. Katayama and T. Okada: "KOBEnet Activities in IIS - An Earthquake Disaster Information Network for Researchers -," Bulletin of Earthquake Resistant Structure Research Center, No. 28, pp.3-5, Institute of Industrial Science, University of Tokyo, September 1995.

F. Yamazaki, K. Meguro and H. Tong: "General Review of Recent Five Damaging Earthquakes in Japan," Bulletin of Earthquake Resistant Structure Research Center, No. 28, pp.7-23, Institute of Industrial Science, University of Tokyo, September 1995.

G. L. Molas and F. Yamazaki: "Attenuation of Ground Motion during the 1995 Great Hanshin Earthquake," Bulletin of Earthquake Resistant Structure Research Center, No. 28, pp.25-41, Institute of Industrial Science, University of Tokyo, September 1995.

G. L. Molas and F. Yamazaki: "Attenuation of Earthquake Ground Motion in Japan Including Deep Focus Events," Bulletin of the Seismological Society of America, Vol.85, No.5, pp.1343-1358, October 1995.

T. Winkler, K. Meguro and F. Yamazaki: "Response of Rigid Body Assemblies to Dynamic Excitation," *Earthquake Engineering and Structural Dynamics*, Vol. 24, No. 10, pp.1389-1408, John Wiley & Sons, Ltd., October 1995.

F. Yamazaki, T. Katayama, S. Nanbu, T. Kato and H. Tsubokawa: "Earthquake Scenario of Urban Residential Areas Using Microscopic GIS Data," *Proc. of the Fifth International Conference on Seismic Zonation*, Vol. 2, pp.1416-1423, October 1995.

K. Meguro, M. Soejima, F. Yamazaki and T. Katayama: "Classification of Urban Areas by Characteristics of Power Load Curves," *Proc. of the Fifth International Conference on Seismic Zonation*, Vol. 1, pp.60-67, October 1995.

M. A. Ansary, F. Yamazaki and T. Katayama: "Statistical Analysis of Peaks and Directivity of Earthquake Ground Motion," *Earthquake Engineering and Structural Dynamics*, Vol. 24, No. 11, pp.1527-1539, John Wiley & Sons, Ltd., November 1995.

M. A. Ansary, F. Yamazaki and T. Katayama: "Microtremor Observation at Hualien LSST Array Site, Taiwan," *Proc. of the First International Conference on Earthquake Geotechnical Engineering*, Vol. 1, pp.357-362, November 1995.

F. Yamazaki, M. A. Ansary and I. Towhata: "Application of a Dynamic Effective Stress Model at a Reclaimed Site During the Great Hanshin Earthquake, 1995" *Proc. of the First International Conference on Earthquake Geotechnical Engineering*, Vol. 1, pp.591-597, November 1995.

M. A. Ansary, F. Yamazaki and T. Katayama: "Analysis of Ground Motions at Kobe Port Island During the 1995 Great Hanshin Earthquake," *Proc. of Pacific Conference on Earthquake Engineering*, Vol. 1, pp.81-90, November 1995.

F. Yamazaki, K. Meguro, H. Tong and T. Katayama: "Review of Recent Five Damaging Earthquakes in Japan," *Proc. of Pacific Conference on Earthquake Engineering*, Vol. 2, pp.283-292, November 1995.

K. Meguro, F. Kumazawa and A. Mikami: "Damage Report on the 1994 Hokkaido-Toho-Oki Earthquake" *Bulletin of Earthquake Resistant Structure Center*, No.28, pp.77-95, Institute of Industrial Science, September 1995.