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LIST OF PAPERS BY THE MEMBERS OF
EARTHQUAKE RESISTANT STRUCTURE RESEARCH CENTER

(Jan. ~ Dec., 1976)

SEISAN-KENKYU: Monthly Journal of the Institute of Industrial Science, University of Tokyo.

JSCE: Japan Society of Civil Engineers.

JSME: The Japan Society of Mechanical Engineers.

AIJ : Architectural Institute of Japan.

* : Written in Japanese

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* M. Seki and T. Okada: "A Simulation of Earthquake Response of Reinforced Concrete Buildings by Computer-Actuator On-line System --- Column Yielding Frame-Part 3" A paper presented to the Annual Convention of AIJ, Nagoya, Japan, 1976.

* T. Okada, M. Seki, K. Okada and S. Asai: "Response of Reinforced Concrete Columns to Bi-directional Horizontal Force and Constant Axial Force -- Part 1" A paper presented to the Annual Convention of AIJ, Nagoya, Japan, 1976.

* T. Okada, M. Seki and S. Asai: "Response of Reinforced Concrete Columns to Bi-directional Horizontal Force and Constant Axial Force -- Part 2" A paper presented to the Annual Convention of AIJ, Nagoya, Japan, 1976.

* M. Hisano, T. Okada and M. Seki: "Vibration Test on Reinforced Concrete Three Dimensional Building Frame -- Part 1 Single Story Model Frame" A paper presented to the Annual Convention of AIJ, Nagoya, Japan, 1976.

* H. Shibata, K. Sogabe and T. Shigeta: "On the Aseismic Design of Liquid Storage", Journal of JSME, Vol. 79, No. 689, April, 1976.

* H. Shibata: "On Aseismic Design Codes for Industrial Facilities in Japan and their Future Figures", Journal of JSME, Vol. 79, No. 689, April, 1976.

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- * H. Sato: "Mechanical Impedance", Chap. Mechanical Dynamics, Revised ed. Hand Book of Mechanical Engineering, JSME, 1976-8, 44.
- * T. Fujita: "Optimization of the Strategy for the Evacuation from Fires Caused by a Strong Earthquake - Simulation of the Pedestrian Flow Evacuating from Fires", Trans. of the Society of Instrument and Control Engineers, Vol. 12, No. 4, pp.424-431, 1976. 8.
- * T. Fujita: "Planning and Simulations for the Evacuation from Spreading Fires Caused by a Strong Earthquake", Research Papers of the Japan Society for Simulation Technology, Vol. 4, No. 3, pp.23-38, 1976. 9.
- * T. Fujita and S. Hattori: "Analysis of the Vibrations of the Multi-degree-of-freedom System with Mutual Impact Interactions by the Perturbation Method", Preprint of the Joint Conf. of Appl. Mech. pp.255-356, 1976. 11.
- K. Kubo: "Earthquake and Facilities for Traffic and Transportation", Cap. 4 of "Earthquake", Nov. 1976.
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- * K. Takanashi: "Seismic Load and Seismic Design of Buildings", Chapter 4 Section 4, AIJ, Dec., 1976.
- * K. Udagawa, K. Takanashi and H. Tanaka: "Comparison of Deformation Capacities of Steel Members under Static and Dynamic Loadings", 22nd Structural Engineering Symposium, Jan., 1976.
- * T. Shigenobu and H. Tanaka: "Hysteresis Model of Restoring Force of Braces under Cyclic Loadings", 22nd Structural Engineering Symposium, Jan., 1976.
- * M. Saisho and H. Tanaka: "Deformation Capacity of H-Shaped Steel Beams with Continuous Restraints", Proceedings of the Annual Convention of AIJ, Kyushu Branch, Feb., 1976.
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* C. Tamura and Y. Nakamura, "A Numerical Method for Analysis of Vibration of the Ground of Finite Area taking Account of Energy Dissipation", SEISAN-KENKYU, Vol. 28, No. 8, 1976

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