

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

(Jan. Dec., 1979)

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

JSSC: The Japan Society of Steel Construction

WCEE: The World Conference on Earthquake Engineering

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- * C. Tamura, K. Kato and S. Okamoto: "On Max. Accelerations of Earthquake Motion at the Rocky Ground", 15th Meeting for Earthquake Engineering, JSCE, July 1979
- * C. Tamura and E. Yanagisawa: "Damages to Dams and Levees", Investigation of Disasters caused by the 1978 Miyagiken-oki Earthquake, Report to Scientific Research Grant, March, 1979
- * C. Tamura: "Consideration of Earthquake Resistance and Seismic Coefficients of Structures", Investigation of Disasters caused by the 1978 Miyagiken-oki Earthquake, Report to Scientific Research Grant, March, 1979
- * C. Tamura and E. Kawakami: "An Evaluation Method on Earthquake Resistance of Water Supply Pipeline System", Reprint of JSCE Annual Meeting, Oct., 1979
- * C. Tamura and K. Kato: "On Dynamic Behavior of a Tunnel during Earthquakes", Reprint of JSCE Annual Meeting, Oct., 1979
- * C. Tamura, H. Doe and A. Saito: "On Dynamic Deformation of Cross-section of a Tunnel during Earthquakes", Reprint of JSCE Annual Meeting, Oct., 1979

- * T. Okada and M. Seki: "Nonlinear Earthquake Response of Reinforced Concrete Building Frames by Computer-Actuator On-line System -- Part 1", Transactions of AIJ, No. 275, January, 1979
 - * T. Okada and M. Seki: "Nonlinear Earthquake Response of Reinforced Concrete Building Frames by Computer-Actuator On-line System -- Part 2", Transactions of AIJ, No. 279, May, 1979
 - * M. Seki and T. Okada: "Nonlinear Earthquake Response of Reinforced Concrete Building Frames by Computer-Actuator On-line System -- Part 3", Transactions of AIJ. No. 280, June, 1979
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 - * T. Okada, K. Takanashi, M. Seki and H. Taniguchi: "Earthquake Response of Equipments Anchored on Building Floor -- Part 2", Proceedings of the Annual Convention of AIJ, September, 1979
- Y. Toi and T. Kawai: "A Discrete Analysis on Dynamic Collapse of Clamped Beams and Rectangular Plates Loaded", ERS Bulletin, 12, P. 57-61, 1979, 3
- Y. Toi and T. Kawai: "A New Discrete Analysis on Dynamic Collapse of Structures", Journal of the Society of Naval Architects of Japan, Vol. 145, p. 112-119, 1979, 5
- T. Kawai: "Some Considerations on the Finite Element Method", to be published in the proceeding of the 2nd International Conference on Computational Methods in Nonlinear Mechanics, Austin, Texas, 1979, 3, 26-28
- T. Kawai: "Collapse Load Analysis of Engineering Structures by Using New Discrete Element Models", IABSE Colloquium Copenhagen 1979, p. 151-168

- T. Kawai: "A New Approach to Soil Mechanics and Geotechnical Engineering", keynote address to the Third International Conference in Australia on Finite Element Methods, July 2-6, 1979, Sydney
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- * T. Kawai: "Analysis of Various Problems in the Continuum Mechanics by Means of Physical Models (II)", Lecture Note of the Seiken Seminar No. 48, 1979
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- H. Shibata, T. Shigeta and A. Sone: "New Types of Ground Motions for the Anti-earthquake Design of Non-building Industrial Facilities", Bull. of ERS, No. 12, March, 1979, p. 25
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- * H. Sato and others: "A Simple Method Estimating the Response Spectrum", Trans. JSME, p. 391-399, Vol. 45, No. 392, April, 1979
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