

MEETINGS OF EARTHQUAKE RESISTANT STRUCTURE RESEARCH CENTER

Eleven meetings were held from April, 1978 to March, 1979.
The names of speakers and the topics discussed at the meetings are
as follows:

May 30, 1978

Speaker: T. Katayama
Topic : Statistical Analysis of Acceleration Response
Spectra

June 22, 1978

Speaker: M. Z. Cohn (University of Waterloo, Canada)
Topic : Limit Analysis

June 27, 1978

Speaker: Y. Hangai
Topic : Up-Lift of Foundation due to Earthquake
Excitation
Speaker: H. Shibata
Topic : Report on Workshop for Strong-motion Earthquake
Instrument Arrays in Honolulu

July 25, 1978

Speaker: H. Kawakami
Topic : A Method for Evaluating the Effect of Earthquakes
on a Life-line Network System
Speaker: F. Tatsuoka
Topic : Dynamic Deformation Characteristics of Sandy
Soils

September 26, 1978

Speaker: K. Takanashi
Topic : Guideline to Estimate Seismic Safety Index of
Existing Steel Frame Buildings

Speaker: T. Katayama
Topic : Seismic Risk Analysis in Terms of Acceleration
Response Spectra

October 16, 1978

Speaker: S. M. Uzumeri (University of Toronto, Canada)
Topic : Recent Earthquake Engineering Research in Canada

October 24, 1978

Speaker: H. Goto
Topic : Comparison of the Approximate Methods of the
Nonlinear Equation of Motion

Speaker: T. Fujita
Topic : Seismic Response of Liquid Storage Tank-
Supporting Leg Systems

December 26, 1978

Speaker: T. Kawai
Topic : A New Discrete Model and Its Application to the
Problems of Rock Mechanics

Speaker: N. Shimizu
Topic : Direct Numerical Integration Methods for Large
Scale Ordinary Differential Equation
- Evaluations and Selection Criteria of Numerical
Integration Methods -

January 30, 1979

Speaker: K. Takanashi
Topic : Earthquake Response Analysis of Steel Frames by
Computer-Actuator On-Line System

February 27, 1979

Speaker: H. Mang (Technische Universität Wien, Austria)
Topic : Cooling Tower Dynamic Analysis with Use of a
General Shell Element

March 26, 1979

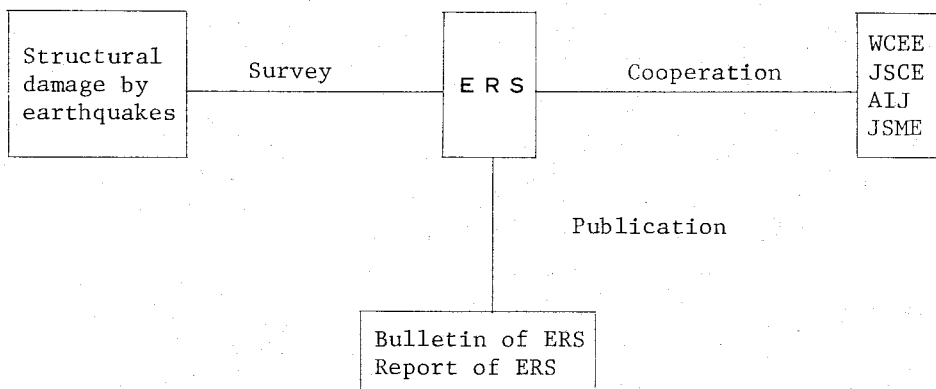
Speaker: T. Katayama

Topic : Effects of the 1978 Miyagi-ken-oki Earthquake on
City Gas Systems

Annual Report of The Earthquake Resistant Structure Research Center
Institute of Industrial Science
University of Tokyo
22-1, Roppongi 7 chome
Minato-ku, TOKYO
106 JAPAN
Phone (03)-402-6231

Earthquake Resistant Structure Research Center (ERS) is an organization for cooperation of researchers in the various branches of structural engineering in the Institute of Industrial Science, University of Tokyo. Its activities concern with fundamentals of the earthquake resistant structure and specific items in the fields of civil, structural and mechanical engineering.

Activities of ERS



WCEE : The World Conference on Earthquake Engineering

JSCE : The Japan Society of Civil Engineers

AIJ : The Architectural Institute of Japan

JSME : The Japan Society of Mechanical Engineers