BULLETIN OF EARTHQUAKE RESISTANT STRUCTURE RESEARCH CENTER

NO. 11

December 1977

Earthquake Resistant Structure
Research Center
The Institute of Industrial Science
University of Tokyo



Bulletin of Earthquake Resistant Structure Research Center

No. 11

CONTENTS

FOREWORD	by Y. OHSAWA	• • • • • • • • • • • • • • • • • • • •	1
"Prediction of Acceleration Re Earthquake Magnitude, Epicenti Conditions"	esponse Spectra for cal Distance and S	r Given ite	
by T. KATAYAMA, T. IWASA	KI and M. SAEKI .	• • • • • • • • • • • • • • • • • • • •	3
"A Method for Estimating Undra Sandy Soils using Standard Per	netration Resistan	ces"	
by F. TATSUOKA	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	2 1
"On Logical Treatment and Eval Statements"			
by H. SHIBATA and T. TSUI	SUI	• • • • • • • • • • • • • • • • • • • •	49
"Earthquake Response Analysis Frame by Computer - Actuator C	n-line System"	•	
by K. TAKANASHI, K. UDAGA	wa and H. TANAKA		5 5
"Computer Simulation of Two Di Problems by a New Discrete Met	hod of Analysis"		
by T. KAWAI and Y. TOI .	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	61
LIST OF PAPERS BY THE MEMBERS (January - December, 1977)	OF ERS RESEARCH CE	ENTER	67
NEWS	•••••	• • • • • • • • • • • • • • • • • • • •	75
MEETINGS OF EARTHQUAKE RESISTA			
CENTER	• • • • • • • • • • • • • • • • • • • •		77