

Programme

SESSION IV *

AUCKLAND UNIVERSITY
MONDAY, 25 January
Room "B"

Earthquake Resistant Design, Construction and Regulations

Chairman : K.S. Zavriev (U.S.S.R.)
Co-Chairman: J.F. Borges (Portugal)

E. Rosenblueth	Session Report
J.R. Bennett	Earthquake Insurance in New Zealand
J. Blake-Kelly	The Effects of Seismic Engineering on Architecture in New Zealand
J.A. Blume	Earthquake Ground Motion and Engineering Procedures for Important Installations near Active Faults
J.F. Borges	Seismic Design Criteria for Reinforced Concrete Buildings
J.G. Bouwkamp	An Investigation for the Earthquake Resistant Design of Large-Size Welded and Bolted Girder to Column Connections
R.J. Burns	An Approximate Method of Analysing Coupled Shear Walls Subject to Triangular Loading
J.I. Bustamante	Seismic Shears and Overturning Moments in Buildings
A.R. Chandrasekaran, J. Krishna	Water Towers in Seismic Zones

* This programme includes only papers actually presented at the Conference by the author(or his deputy). It does not include accepted papers which were not presented, nor does it include supplementary papers presented during the discussion. For complete details of accepted papers and abstracts for this Theme, please refer to Vol.III pIV-1, "INDEX"

Programme

SESSION IV (cont'd)

AUCKLAND UNIVERSITY
TUESDAY, 26 January
Room "B"

Earthquake Resistant Design, Construction and Regulations

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|--|---|
| C.C. Crawford | Earthquake Design Loadings for Thin Arch Dams |
| J. Despeyroux | The New French Aseismic Code |
| J. Despeyroux | On the Use of Prestressed Concrete in Earthquake Resistant Design |
| S.U. Duzinkevich | On the Problem of Unification of Basic Requirements for the Design of Earthquake Resistant Structures |
| R. Flores A. | Design Principles of Earthquake Resistant Blast Furnaces |
| I.L. Holmes | Concrete Masonry Buildings in New Zealand |
| Y. Ishii, K. Fujita | Field Test on the Lateral Resistance of Large Diameter Steel Pipe Piles and its Application to the Aseismic Design of Pile Bent-Type Pier |
| J.A.R. Johnston, O.A. Glogau,
C.F. Candy, G.H.F. McKenzie | Multistoried State Building Design in New Zealand |
| L.F. Kenna | Brickwork and Earthquakes in New Zealand |
| J. Krishna, B. Chandra | Strengthening of Brick Buildings against Earthquake Forces |
| K. Matsushita, M. Izumi | Some Analyses on Mechanism to Decrease Seismic Force Applied to Buildings |
| A.A. Moifar | Earthquake Engineering Trends in Iran |

Programme

SESSION IV (cont'd)

WELLINGTON UNIVERSITY
FRIDAY, 29 January
Room "B"

Earthquake Resistant Design, Construction and Regulations

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| W.M. Sutherland | Prestressed Concrete Earthquake Resistant Structures - Development, Performance, and Current Research |
| K. Takeyama, T. Ota,
Y. Nagata, K. Atsumi | Anti-Seismic Design of a high-Rise Building in Djakarta |
| H. Umemura, Y. Osawa,
A. Shibata | Study on Shearing Forces in Structures Caused by Medium Earthquakes Recorded in Japan |
| F. Yokoyama, M. Tomizawa,
A. Shibata | Aseismic Structural Design of a Hending-Type Building |
| E. Rosenblueth | Summary Report |

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