

## PREFACE

The Proceedings of the Sixth World Conference on Earthquake Engineering held at Vigyan Bhawan, New Delhi, from January 10 to 14, 1977 consist of three volumes. The first volume contains a preliminary section giving details of the Sponsoring Organisations, Committees, Conference and Participant's photographs, List of Participants, the speeches made at Inauguration and Closing ceremonies, Exhibition of Instruments and Books, Ladies functions and Seminar, Minutes of IAEE Executive Committee Meeting and the Assembly of National Delegates of IAEE, etc.

The Panel Papers and other technical papers are reproduced from the authors' type scripts by offset lithography and only the preliminary section has been edited, composed and printed. The order of papers under any topic is the same as in the Preprints Volumes of the Conference except for minor changes. Discussions to papers and authors' closures have been printed in continuation of the paper concerned. For ease of reference, the table of contents contains page numbers of papers as given in Preprint Volumes and sequential page numbers. Volumes of the Proceedings contain the following material:

Volume I - Contents of the three Volumes, Preliminary Section, Panel Papers and Discussions, and Papers and Discussions belonging to the following Topics

1. Recent Destructive Earthquakes.
2. Ground Motion, Seismicity, Seismic Risk and Zoning.

Volume II - Contents of Volume II, Papers and Discussions belonging to the following Topics

3. Response of Structures to Ground Shaking.
4. Foundation and Soil Structure Interaction.
5. Earthquake Resistant Design.

Volume III - Contents of Volume III, Papers and Discussions belonging to the following Topics

6. Dynamics of Soils and Soil Structures.
7. Analysis of Earthquake Damage, Repair and Strengthening of Structures.
8. Earthquake Resistant Design of Nuclear Power Facilities.
9. Dynamic Tests on Structures.
10. Earthquake Instrumentation.
11. Dynamic Behaviour of Structural Elements.
12. Earthquake Resistant Design of Equipment and Service Facilities.

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