

PREFACE

This is the Proceedings of the Symposium on Mechanics for Space Flight held on Nov. 18–20, 1982 at the Institute of Space and Astronautical Science (ISAS), sponsored by ISAS. This Symposium is one of the annually organized Symposia by ISAS, and is the 13th of the series, started in 1970. A brief historical remark on those previous meetings was given in the last article of this Proceedings. The last symposium has published its Proceedings as an Uchuken Hokoku (Tokushu 3, 1982) in Japanese, and this year is intended to publish the Proceedings in English, hoping wider distributions in the scientific community.

The symposium was organized so as to encourage rather informal, detailed discussions, with emphasis on several topical theme related to the Mechanics for Space Flight. They are:

Nov. 18th; Computational Fluid Dynamics and Space Systems Analysis
Nov. 19th; Rarefied Gas Dynamics
Nov. 20th; Thermophysics and Heat Pipes

The presentations consist both of review articles concerning to special topics and original papers. Only the original papers were reviewed and published in a bound volume as this.

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Koichi Oshima, editor