

## [027\_86]Reports of Research Institute for Applied Mechanics

<https://hdl.handle.net/2324/6617935>

---

出版情報 : Reports of Research Institute for Applied Mechanics. 27 (86), 1980-02. 九州大学応用力学研究所  
バージョン :  
権利関係 :



The List of the Contents of "Reports of Research  
Institute for Applied Mechanics" Recently Published

**Vol. XXVII**

No. 83, July 1979

**Yi-Yu Kuo, H. Mitsuyasu and A. Masuda:** Experimental Study on the Phase Velocity of Wind Waves. Part 1 Laboratory Wind Waves.

No. 84, September 1979

**W. Koterayama:** Wave Forces Exerted on Submerged Circular Cylinders Fixed in Deep Waves.

**Yi-Yu Kuo, H. Mitsuyasu and A. Masuda:** Experimental Study on the Phase Velocity of Wind Waves. Part 2 Ocean Waves.

No. 85, December 1979

**O. Mitarai:** Macroscopic Measurements in a Turbulent Heating Experiment.

**N. Hiraki, S. Itoh, Y. Kawai, K. Toi, K. Nakamura and O. Mitarai:** Confinement of Ohmically Heated Plasmas and Turbulent Heating in High-Magnetic-Field Tokamak TRIAM-1.

**M. Tatsuno:** Secondary Flow Around an Oscillating Elliptic Cylinder.

## CONTENTS

Efficient Ion Heating of Tokamak Plasma by Application of Positive and Negative Current Pulse in TRIAM-1. By Kazuo TOI, Naoji HIRAKI, Kazuo NAKAMURA, Osamu MITARAI, Yoshinobu KAWAI and Satoshi ITOH...	111
Ion Temperature Measurement by Neutral Energy Analyzer in High-Field Tokamak TRIAM-1. By Kazuo NAKAMURA, Naoji HIRAKI, Kazuo TOI and Satoshi ITOH .....	125
Electron Density Measurements in the TRIAM-1 Tokamak. By Osamu MITARAI, Hisatoshi NAKASHIMA, Kazuo NAKAMURA, Naoji HIRAKI, Kazuo TOI, Yoshinobu KAWAI and Satoshi ITOH .....	147
 <b>NOTE</b>	
A Simulation of Section Topographs Using Synchrotron Radiation. By Kōji FUTAGAMI, Yoshito AKASHI and Shigeru ŌKI.....	159
(Summaries of Bulletin) .....	171

Copies of all papers in this issue will  
be provided on request free of charge.  
Applications should be addressed to the  
librarian of the institute.