

[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 :



Reports of Research Institute for Applied Mechanics

Volume XXVII



Published by
Research Institute for Applied Mechanics
KYUSHU UNIVERSITY, FUKUOKA, JAPAN
1979 - 1980

CONTENTS OF VOLUME XXVII

No. 83, July 1979

Experimental Study on the Phase Velocity of Wind Waves.	
Part 1 Laboratory Wind Waves.	
By Yi-Yu KUO, Hisashi MITSUYASU and Akira MASUDA.....	1
(Summaries of Bulletin)	21

No. 84, September 1979

Wave Forces Exerted on Submerged Circular Cylinders Fixed in Deep Waves.	
By Wataru KOTERAYAMA	25
Experimental Study on the Phase Velocity of Wind Waves.	
Part 2 Ocean Waves.	
By Yi-Yu KUO, Hisashi MITSUYASU and Akira MASUDA.....	47
(Summaries of Bulletin)	67

No. 85, December 1979

Macroscopic Measurements in a Turbulent Heating Experiment.	
By Osamu MITARAI.....	71
Confinement of Ohmically Heated Plasmas and Turbulent Heating in High-Magnetic-Field Tokamak TRIAM-1.	
By Naoji HIRAKI, Satoshi ITOH, Yoshinobu KAWAI, Kazuo TOI, Kazuo NAKAMURA and Osamu MITARAI	85
Secondary Flow Around an Oscillating Elliptic Cylinder.	
By Masakazu TATSUNO.....	99

No. 86, February 1980

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
NOTE	
A Simulation of Section Topographs Using Synchrotron Radiation. By Kōji FUTAGAMI, Yoshito AKASHI and Shigeru ŌKI.....	159
(Summaries of Bulletin).....	171