

[139]九州大学応用力学研究所所報表紙奥付等

<https://hdl.handle.net/2324/27082>

出版情報：九州大学応用力学研究所所報. 139, 2010-09. Research Institute for Applied Mechanics, Kyushu University

バージョン：

権利関係：

CONTENTS

Retirement of Professor Masayuki OIKAWA	1
Brief history	
Retirement lecture “My Research on Solitons”	
Publications	
Stability of thermal convection rolls in a rectangular channel in the presence of a through-flow By Yuki KATO	31
Longitudinal convection rolls in a rectangular channel heated from below By Yuki KATO and Kaoru FUJIMURA	43
Three-Dimensional Numerical Simulation of Stably Stratified Flows Over a Two-Dimensional Hill -Effect of Stratification on the Non-Periodic Separation and Reattachment of the Flow- By Takanori UCHIDA and Yuji OHYA	57
Trapping of multiple hydrogen atoms in a tungsten monovacancy By Kazuhito OHSAWA, Junya GOTO, Masahiro YAMAKAMI, Masatake YAMAGUCHI and Masatoshi YAGI	69
Numerical Study on Hydrogen Retention at a Grain Boundary in Tungsten By Junya GOTO, Kazuhito OHSAWA and Masatoshi YAGI	75
Environmental Effects on Titanium Oxide Formation in V-4Cr-4Ti Alloys By Hideo WATANABE and Naoaki YOSHIDA	81
A supplementary note to GFDVN: Complex representation of two-dimensional real vectors By Akira MASUDA	85
Two-Dimensional Nonlinear Interaction of Solitary Waves in Shallow Water By Masahiko TANAKA, Hidekazu TSUJI and Masayuki OIKAWA	95

Experiment for two-dimensional interaction of solitary waves By Hidekazu TSUJI, Shinsuke WATANABE, Kenji MARUBAYASHI and Masahiko TANAKA	99
River Network Evolution Based on Fluid-Erosion Model By Ayumi SAEKI and Makoto OKAMURA	105
Floquet Analysis for the Channel Flow with Longitudinal Wall-Oscillation By Takashi ATOBE	111
A numerical experiment on a shape of an endangered species sanctuary By Masato HORI and Yuki KATO	115
Investigation and Analysis of the Cause of Failure Accident of Wind-lens Turbine Blades By Satoru ODAHARA, Yuji OHYA and Takashi KARASUDANI	121
HIGH RESOLUTION MICRO-SITING OF 100KW WIND-LENS TURBINE AT THE NEW CAMPUS OF KYUSHU UNIVERSITY BY USING THE RIAM-COMPACT® CFD MODEL -2nd Report: THE CASE CONSIDERING LAND PREPARATION- By Takanori UCHIDA, Takashi KARASUDANI and Yuji OHYA	131
In-situ observation of damage formation in Fe-Mn alloy By Hitoshi SEKI, Hideo WATANABE and Naoaki YOSHIDA	141
Sea-weed Culture and Preservation of Coral Reef — On-na Fishermen Union in Okinawa Prefecture By Tetsuo YANAGI	145
Conservation of Fishery Resources in the Nearshore Coastal Sea — Shiriya Fishermen Union in Aomori Prefecture By Tetsuo YANAGI	149

Study on Improvement of Heat Load Characteristic of Tungsten Coated F82H
Ferritic/Martensitic Steel

By Tomonori TOKUNAGA, Hideo WATANABE, Naoaki YOSHIDA,
Takuya NAGASAKA, Ryuta KASADA, Masayuki TOKITANI,
Masatoshi MITSUHARA, Hideharu NAKASHIMA, Suguru MASUZAKI,
Takeshi TAKABATAKE, Nobuyoshi KUROKI, Koichiro EZATO,
Satoshi SUZUKI and Masato AKIBA 153

Effects of contact friction and plasticity on the stresses of a pin joint in CFML

By Kyosuke KOSO and Yoshihiro TAKAO 159