九州大学学術情報リポジトリ
Kyushu University Institutional Repository

[143]九州大学応用力学研究所所報表紙奥付等

https://hdl.handle.net/2324/27127

出版情報：九州大学応用力学研究所所報. 143, 2012-09. Research Institute for Applied Mechanics, Kyushu University
バージョン：
権利関係：

CONTENTS

Memory of the 40 year's study of physical oceanography
By Jong-Hwan YOON i

Papers of Jong-Hwan YOON xix

Box model analysis of the long-term dissolved oxygen variation in the Japan Sea Proper Water
By Yanlin CUI and Tomoharu SENJYU 1

Modeled response of the East China Sea shelf water to wind forcing
By Jae-Hong MOON and Naoki HIROSE 7

A Coupled Ice-Ocean Model for the East/Japan Sea
By Ho Jin LEE, Hee jin CHOI, Jae-Hun PARK, Young Gyu PARK and Sang Yeob KIM 19

Simulation of Deepwater Horizon Oil Spill using Atmosphere-Ocean General Circulation Model
By Youngjin CHOI, Keiko TAKAHASHI, Akihisa ABE, Shigeru NISHIO and Akira SOU 23

Thermodynamic properties of vacancy-hydrogen complex in tungsten
By Kazuhito OHSAWA, Yuuji HATANO and Masatake YAMAGUCHI 29

Effect of Shell Cut and Diagnostic Port on Stabilizing Characteristics of Vertical Position Instability on QUEST
By Kazuo NAKAMURA, Xiaolong LIU, Masashi TOMODA, Tatsuya YOSHISUE, Osamu MITARAI, Makoto HASEGAWA, Kazutoshi TOKUNAGA, Hideki ZUSHI, Kazuaki HANADA, Hiroshi IDEI, Yoshihiko NAGASHIMA, Shoji KAWASAKI, Hisatoshi NAKASHIMA, Aki HIGASHIJIMA and Kuniaki ARAKI 33

Application of the Improved Vertical Mixing Scheme to the Modeling of the Japan Sea Under Traveling Typhoons
By Bin WANG, Tae Kyun KIM, Jong-Hwan YOON, Naoki FURUICHI and Toshiyuki HIBIYA.....39

Comparison of Tidal and Wind Contributions to Lagrangian Trajectories in the Southwestern Yellow Sea
By Bin WANG, Naoki HIROSE, Jae-Hong MOON and Dongliang YUAN.....43

Characteristics of High-Frequency Transport Variability in the Korea/Tsushima Strait
By Boonsoon KANG, Naoki HIROSE and Jong-Hwan YOON.....49

Upper Ocean Responses to typhoons in the Northwestern Pacific
By Chul-Hoon HONG, Akira MASUDA and Jong-Hwan-YOON.....55

Comparison of the global ocean-sea ice experiments in the different grid resolution models
By Cheol-Ho KIM, Chan Joo JANG and Minwoo KIM.....63

Estimating Bottom Stress on Continental Shelves from Tidal and Wave Models
By Katsuto UEHARA.....69

Eruption of Mt.Kilauea impacted Cloud Droplet and Radiation Budget over North Pacific
By Kenta EGUCHI, Itsushi UNO, Keiya YUMIMOTO and Toshihiko TAKEMURA.....75

Bio-diversity and Bio-productivity related to Artificial Reef
By Tetsuo YANAGI, Minoru TAHARA, Takayuki KATAYAMA and Satoru KAMURA.....83

The Satoumi Promotion Office in Shima City
By Tetsuo YANAGI.....91

Tutorial for Data Assimilation System in the East Asian Marginal Seas
By Naoki HIROSE.....97

Sensitivity of the Subsurface Counter Current beneath the Tsushima Warm Current to the Horizontal Eddy Viscosity
By Satoshi NAKADA, Jong-Hwan YOON and Naoki HIROSE.....103

Numerical Experiments on Dispersion of Radionuclides in the Ocean Released from the Fukushima Daiichi Nuclear Power Plant
By Hideyuki KAWAMURA, Takuya KOBAYASHI, Akiko FURUNO, Teiji IN, Yoichi ISHIKAWA, Tomoharu NAKAYAMA, Shigeki SHIMA and Toshiyuki AWAJI.....111

Dynamics of the evolution of vorticity -twisting by vorticity force-
By Akira MASUDA.....119

On draft variations of the ferry "New Camellia"
By Kaoru ICHIKAWA, Ken-ichi FUKUDOME and Jong Hwan YOON.....129

The Tsushima Warm Current and its volume transport through Tsushima Straits
By Tetsutaro TAKIKAWA, Jong-Hwan YOON, Ken-ichi FUKUDOME and Naoki HIROSE.....135

Summer-time current measurement in the Tsushima Straits using TRBM-ADCP
By Ken-ichi FUKUDOME, Yutaka YOSHIKAWA, Naoki HIROSE and Jong-Hwan YOON.....141