

## [150]九州大学応用力学研究所所報表紙奥付等

<https://hdl.handle.net/2324/1660343>

---

出版情報：九州大学応用力学研究所所報. 150, 2016-03. Research Institute for Applied Mechanics, Kyushu University

バージョン：

権利関係：

# CONTENTS

Numerical analysis of dislocation density and residual strain in multicrystalline silicon for solar cells using experimental verification By Satoshi NAKANO, Bing GAO, Karolin JIPTNER, Hirofumi HARADA, Yoshiji MIYAMURA, Takashi SEKIGUCHI, Masayuki FUKUZAWA and Koichi KAKIMOTO.....	1
Compilation of bathymetric data of the East China Sea By Katsuto UEHARA.....	6
Significant impacts of heterogeneous reactions on the chemico-physical properties of dust particles during severe dust events over East Asia in 2015 By Zhe WANG, Xiaole PAN, Jie LI, Zifa WANG, Pingqing FU, Ting YANG, Hiroshi KOBAYASHI, Atsushi SHIMIZU, Nobuo SUGIMOTO, Shigekazu YAMAMOTO and Itsushi UNO.....	14
High-Resolution LES of Undulating Motions behind the Wind Turbine Using the Actuator Line Technique By Takanori UCHIDA.....	25
Analysis of the Airflow Field over Real Terrain with Commercially-Available CFD Software By Takanori UCHIDA, Tatuso AOYAGI, Fumihito WATANABE and Shin MIKAMI.....	34
Wind Conditions Investigation about a Small Wind Turbine Accident By Takanori UCHIDA.....	40
Reproducibility of Complex Turbulent Flow Using Commercially-Available CFD Software —Report 1: For the Case of a Three-Dimensional Isolated-Hill With Steep Slopes— By Takanori UCHIDA.....	47
Reproducibility of Complex Turbulent Flow Using Commercially-Available CFD Software —Report 2: For the Case of a Two-Dimensional Ridge With Steep Slopes— By Takanori UCHIDA.....	60

Reproducibility of Complex Turbulent Flow Using Commercially-Available CFD Software

—Report 3: For the Case of a Three-dimensional Cube—

By Takanori UCHIDA.....71