

CONTENTS

Essay

..... Y. HASEGAWA (1121)

Special Articles: Toward the Development of Methane Hydrate Resources under the Seabed - Present Status of Research and Development - I

(Reviews)

Current Status of Resource Assessment for Methane Hydrates

..... T. SAEKI (1122)

The Plan of Offshore Production Tests of Methane Hydrates and Applicable Technologies for Them

..... K. YAMAMOTO (1127)

Research on Development of Production Method and Modeling

..... J. NAGAO, N. TENMA (1135)

Report: 9th Energy Technology Seminar for Young Researchers and Students

Outline

..... H. TAKAGI, K. KURAMOTO, C. FUSHIMI, T. NAMIOKA, T. OKADA, K. KUMABE (1141)

What to Expect for Sustainable Energy Technologies

..... M. ISHIDA (1142)

Original Paper

Waste Heat Recovery System through Methanol Steam Reforming with Absorption Heat Pump

..... S. KAWASAKI, W. Y. WIJAYA, H. WATANABE, K. OKAZAKI (1152)

Biodiesel Production by Pyrolysis from Waste Animal Fats

..... T. ITO, Y. KAKUTA, M. SUGANO, K. HIRANO (1159)

The Rheological Characteristics of Biomass Slurry under High Pressure and High Temperature

..... T. NOGUCHI, Y. NODA, Y. YAMASAKI, S. INOUE, Y. MATSUMURA
..... Y. KAWAI, Y. SHIMIZU, T. MINOWA (1165)

Biofuel Production by Hydrocracking of Biomass FT Wax over NiMo / Al₂O₃-SiO₂ Catalyst

..... E. ROSYADI, U. PRIYANTO, SUPRAPTO, A. ROESYADI, M. NURUNNABI
..... T. HANAOKA, T. MIYAZAWA, K. SAKANISHI (1171)

Technical Paper

Chlorine-free Solid Fuel Production from Municipal Solid Waste by Hydrothermal Process

..... B. INDRAWAN, P. PRAWISUDHA, K. YOSHIKAWA (1177)

Technical Report

Ethanol Production from Rice on Radioactively Contaminated Field toward Sustainable Rice Farming

..... S. YOKOYAMA, B. IZUMI, K. OKI (1183)

Lecture Note

Coal (12):

IGCC (Integrated coal Gasification Combined Cycle)

..... S. KANEKO (1187)

Introduction of Research Group (Qian Lab, Department of Engineering, Research Institute of Engineering,

Tokyo University of Agriculture and Technology) (1193)

Report on the 48th Conference of Coal Science (1198)

Entropy (1201) JIE Calendar (1202)

Bulletin Board (1203) From the Editors (1204)

Index