



Cover. Editorial Committee. Contents. 奥付

メタデータ	言語: eng 出版者: 公開日: 2010-04-19 キーワード (Ja): キーワード (En): 作成者: メールアドレス: 所属:
URL	http://hdl.handle.net/10466/8660

BULLETIN OF OSAKA PREFECTURE UNIVERSITY

Series A, Vol.46, No.1, 1997

CONTENTS

Masahiro NUMANO ;

Effects of the Number of Energy Levels on Radiative Collapse of Hydrogen Plasmas 1

Mitsutoshi MURATA, Toshiaki KITAMURA, Masahiro GESHIRO and Shinnosuke SAWA ;

Analysis of Light-Controlled Microstrip Filter 7

Shigeaki WADA, Makoto TOHO and Yoji TAKEDA ;

Indirect Measurement of the Internal Axial Potential of Fluorescent Lamps 11

Shinichi OKAMOTO, Yoshihiko SHONO, Tokuhiro OHNISHI, Yoshihiro UEDA,

Yasuyuki NOMURA and Takuo TANAKA ;

Degradation Behavior of Electric Cable Materials by Heat and Radiation Aging 17

Shinichi OKAMOTO, Yoshihiko SHONO, Tokuhiro OHNISHI, Tadashi ENOMOTO,

Tomonori KASHIWADA, Toshio DANZUKA and Nobuhiro AKASAKA ;

Radiation Resistance Characteristics of Optical Fibers and Optical Fiber

Devices for WDM Transmission Systems 25

Toshihiko SHINYA and Yoshiyuki TOMITA ;

Effect of Weld Heat-Affected Zone on High Temperature Creep Properties of

Vanadium Modified 2.25Cr-1Mo Steel 33

Koji WATANABE, Takeo IKAI and Kunio FUKUNAGA ;

State Space Models and Minimization of Finite Automata 39

Hirofumi NIIMI, Kazuo INOUE, Shuichi KAWAMATA, Kiichi OKUDA,

Takahiko SASAKI and Naoki TOYOTA ;

Energy Dissipation of Vortices in Single Crystal of Layered Superconductors

$\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ and κ -(BEDT-TTF)₂Cu(NCS)₂ under Magnetic Fields 47

Isao FUJII, Keiji TSUKAMOTO and Kenji MORII ;

Effect of Annealing Condition on Dielectric Properties of Amorphous SrTiO_3

Thin Films 55

Kazuo KATAYAMA, Yoshihiko SUGIYAMA and Bong-Jo RYU ;

Experimental Verification of the Stabilizing Effect of Rocket Thrust on the

Dynamics of Vertical Cantilevered Columns under a Conservative Load 61