

THE ACADEMIC REPORTS

The Faculty of Engineering Tokyo Institute of Polytechnics

Vol.6 No.1 1983

Articles

Birational Invariants of Complex Varieties	Kazuhisa MAEHARA··	1
Computer Programs for the Numerical Calculations with the Proper Treatment of Significant Figures	Masakatsu UYEMURA··	6
Photographic Action of High-Voltage Electric Discharge	Yoshitada TOMODA, Shin WATANABE··	17
Legible Configuration of Elements for 5×7 Dot-Matrix Alphanumerics	Kazuo ISHIKAWA··	25
Sintering of Stoichiometric and High Purity Barium Titanate Fine Powder.....	Katsuya KUDAKA, Kiyokata IIZUMI, Tetsuji MARUYAMA, Akira TAKAHASHI··	35
Polarographic Studies of Indium Ion in Water-Dimethyl Sulfoxide and Water- <i>N,N</i> -Dimethylformamide Mixtures	Yukio SASAKI, Kazuhito NOGUCHI, Masao TAKIZAWA··	40
Optically Active 1-Hydroxy-3-Substituted Succinimides for Enantioselective Peptide Synthesis.....	Takero TERAMOTO, Mikito DEGUCHI, Toshikazu KUROSAKI, Makoto OKAWARA··	44
Mathematical Model for Vortex Induced Oscillations of 3-Dimensional Circular Cylinder	Yukio TAMURA··	49
Color-Subcarrier Controlled Crystal Oscillator	Isao MATSUDA, Katsuaki MATSUMOTO, Masao ROHYAMA··	59
An Analysis of Leakage Flux by Using Measurement System of Three Dimensional Magnetic Field.....	Eisuke SUZUKI, Masanao ARIGA··	67
Study of Developing the Lighting for Blackboard	Masaaki TAGUCHI, Genro KAWAKAMI··	74
Bleustein-Gulyaev Wave in Periodic Metal Strips on a Piezoelectric Surface	Takeshi AOKI, Shigeki WAKATANI··	91
Abstracts of Master Thesis		99
Academic Activities.....		103
Graduation Studies		110

TOKYO INSTITUTE OF POLYTECHNICS

1583 Iiyama, Atsugi, Kanagawa, 243-02

JAPAN