

THE ACADEMIC REPORTS

The Faculty of Engineering Tokyo Institute of Polytechnics

Vol.6 No.1 1983

Articles

- Birational Invariants of Complex VarietiesKazuhisa MAEHARA·· 1
- Computer Programs for the Numerical Calculations with the Proper
Treatment of Significant FiguresMasakatsu UYEMURA·· 6
- Photographic Action of High-Voltage Electric Discharge
..... Yoshitada TOMODA, Shin WATANABE·· 17
- Legible Configuration of Elements for 5×7 Dot-Matrix
AlphanumericsKazuo 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-*N,N*-Dimethylformamide MixturesYukio 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 CylinderYukio 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 SurfaceTakeshi AOKI, Shigeki WAKATANI·· 91
- Abstracts of Master Thesis** 99
- Academic Activities**.....103
- Graduation Studies**110

TOKYO INSTITUTE OF POLYTECHNICS

1583 HIYAMA, ATSUGI, KANAGAWA, 243-02

JAPAN