

CONTENTS

Foreword of the Special Edition for the 10th Anniversary of Department of Information Processing EngineeringJun-ichi IKENOUE	1
Foundation of the Department of Information Processing Engineering and the Way during the Past Ten Years [Appendix] The History of each Laboratory of the DepartmentTakayoshi MISAKI, Fujio KOBAYASHI	29
Extraction of Stomach Region from X-Ray ImageFujio KOBAYASHI, Minoru HASEI, Hajime TSUBOI and Motoo TANAKA.....	37
Computational Accuracy of Electric Field Analysis by Surface Charge Method..... Hajime TSUBOI, Tomoyuki ASAHARA, Fujio KOBAYASHI and Takayoshi MISAKI	45
Computer Analysis of Thermal Stability of Power CapacitorsYasunobu YOSHIDA and Youhei TAMURA	53
Numerical Analysis of Several Thunder-Clouds by Computer Simulation MethodToshihiko KOUNO and Mitsuhiro IMAI	59
Report on an Implementation of the Language SchemeMitsuhiro IMAI and Toshihiko KOUNO	67
Dynamic Route Guidance System on a Traffic Control SystemHikaru SHIMIZU, Masa-aki KOBAYASHI and Yoh YONEZAWA.....	73
Stereo Matching of Simple Edge Images using Simulated AnnealingSusumu HATTORI, Akiyoshi SEKI and Keiichiro AKIMOTO.....	79