

No. 55 A
NATURAL SCIENCES
CONTENTS

【Mathematics】

KUROKI, S. and YUKITOU, R : Gale dual of the GKM graph with a complexity one axial function 1

【Biology】

IKEDA, S., OKAMOTO, K., TANOUE, K., SHIONO, I. and KAWANO S. : DNA repair activity of *Schizosaccharomyces pombe* Mag1p and Mag2p for alkylation damage in *Escherichia coli* and *Saccharomyces cerevisiae* 11

YYOSHIDA, Y., SANNO, T. and MEKADA, K. : Comparison of behaviors among *Suncus murinus* strains in open fields with versus without a shelter 15

OTSUKA, A., OKUJIMA, C., ISHII, S., HASHIKAWA, N. and HASHIKAWA-HOBARA, N. : Effects of fear memory in CGRP Transgenic mice 21

【Information Engineering · Communication Engineering】

OKANO, T., KANAHARA, K., MIYAKE, T. and KATAYAMA, K. : Performance Study of Diversification in Iterated Local Search for the Quadratic Assignment Problem 25

KANAHARA, K., MIYAKE, T., OKANO, T. and KATAYAMA K. : Run Time Behavior of a Metaheuristic Algorithm to the Maximum Clique Problem 35

MIYAKE, T., KANAHARA, K., OKANO, T. and KATAYAMA, K. : Search Performance of Local Search Methods for the Capacitated p -Median Problem 45

【Chemical Technology】

NISHIYAMA, M. and HIRANO, H. : Mass Transfer in Alternating Flow of Immiscible Liquids in Diamond-shaped microchannel 55

【Environmental Engineering】

NAOHARA, J. and ZHUO, X. : CONCENTRATION OF ELEMENTS IN DRINKING WATER IN CHINA, MYANMAR AND JAPAN 61