HIROSHIMA MATHEMATICAL JOURNAL

VOLUME 42 2012

PUBLISHED BY

DEPARTMENT OF MATHEMATICS
GRADUATE SCHOOL OF SCIENCE
HIROSHIMA UNIVERSITY

TABLE OF CONTENTS

VOLUME 42, 2012

CHU, W. and LI, N. N.: Terminating q-Kampé de Fériet Series $\Phi^{1:3;\lambda}_{1:2;\mu}$ and $\Phi^{2:2;\lambda}_{2:1;\mu}$ 233

ELHAMDADI, M. and NELSON, S.: N-degeneracy in rack homology and link invariants 127

GOTO, S. and KOMATSU, K.: The configuration space of a model for ringed hydrocarbon molecules 115

GOTO, S., HEMMI, Y., KOMATSU, K. and YAGI, J.: The closed chains with spherical configuration spaces 253

HYODO, M., YAMADA, T., HIMENO, T. and SEO, T.: A modified linear discriminant analysis for high-dimensional data 209

IGARASHI, T. and UMEDA, N.: Existence of global solutions in time for reaction-diffusion systems with inhomogeneous terms in cones 267

ISHIBE, T.: On the monoid in the fundamental group of type B_{ii} 99

KATO, H.: Left invariant flat projective structures on Lie groups and prehomogeneous vector spaces 1

KIM, D. and LEE, D.: A new proof for small cancellation conditions of 2-bridge link groups 411

NAGAI, I., YANAGIHARA, H. and SATOH, K.: Optimization of ridge parameters in multivariate generalized ridge regression by plug-in methods 301

OGER, F.: Paperfolding sequences, paperfolding curves and local isomorphism 37

OSHIME, Y., YAMAGISHI, H. and WATANABE, K.: The best constant of L_p Sobolev inequality corresponding to Neumann boundary value problem for $(-1)^M(d/dx)^{2M}$ 293

SAKER, S. H. and O'REGAN, D.: New oscillation criteria for second-order neutral dynamic equations on time scales via Riccati substitution 77

SUWA, N.: Artin-Schreier-Witt extensions and normal bases 325

TAKAO, K.: Bridge decompositions with distances at least two 161

TANAKA, K.: Atomic decomposition of harmonic Bergman functions 143

TANIGUCHI, K.: Permanence and global asymptotic stability for a generalized nonautonomous Lotka-Volterra competition system 189

UTSUMI, K.: Weierstrass equations for Jacobian fibrations on a certain $K3$ surface 355

XU, Z. and WANG, Y.: Oscillation and nonoscillation of certain second order quasilinear dynamic equations 385
ZHANG, C.: Invariant Teichmüller disks under hyperbolic mapping classes 169