HIROSHIMA MATHEMATICAL JOURNAL

VOLUME 49

2019

PUBLISHED BY

DEPARTMENT OF MATHEMATICS GRADUATE SCHOOL OF SCIENCE HIROSHIMA UNIVERSITY

TABLE OF CONTENTS

VOLUME 49, 2019

AKAMA, Y.: Classification of spherical tilings by congruent quadrangles	
over pseudo-double wheels (II)-the isohedral case	1
BAKLOUTI, A., BOUSSOFFARA, M. and KEDIM, I.: Some Problems of	
deformations on three-step nilpotent Lie groups	195
BANNAI, S., TOKUNAGA, H. and YAMAMOTO, M.: A note on the topol-	
ogy of arrangements for a smooth plane quartic and its bitangent lines	289
DEITMAR, A.: Spectral theory for non-unitary twists	235
FAN, J., SAMET, B. and ZHOU, Y.: A regularity criterion for a density-	
dependent incompressible liquid crystals model with vacuum	129
FUGLEDE, B. and ZORII, N.: Constrained minimum Riesz and Green	
energy problems for vector measures associated with a generalized	
condenser	399
HIRANOUCHI, T.: Local torsion primes and the class numbers associated	
to an elliptic curve over \mathbb{Q}	117
HOSHI, Y.: Topics in the anabelian geometry of mixed-characteristic local	
fields	
KAWAGUCHI, Y.: Near miss <i>abc</i> -triples in general number fields	273
LUIZ DEOLINDO SILVA, J. and KABATA, Y.: Projective classification of	~ ~
jets of surfaces in 4-space	35
NODA, K. and OSAKI, K.: Global attractor and Lyapunov function for one-	
dimensional Deneubourg chemotaxis system	251
OHNO, S., SAKAI, T. and URAKAWA, H.: Biharmonic homogeneous sub-	47
manifolds in compact symmetric spaces and compact Lie groups	47
OJIRO, N.: Rational curves on a smooth Hermitian surface	161
OKAJIMA, H. and SHIMOMURA, K.: A note on the products $\alpha_1 \beta_2 \gamma_1$ and $\beta_1 \beta_2 \gamma_1$ and $\beta_2 \beta_2 \gamma_1$ and $\beta_2 \beta_2 \gamma_1$ and $\beta_2 \beta_2 \gamma_1$ and $\beta_2 \beta_2 \gamma_2$ and $\beta_1 \beta_2 \gamma_2 \gamma_1$ and $\beta_2 \beta_2 \gamma_2 \gamma_2$	202
$\beta_1^{r+1}\beta_2\gamma_i$ in the stable homotopy of spheres	303
SUZUKI, K. and YOSHIKI, T.: Enumeration of the Chebyshev-Frolov	120
lattice points in axis-parallel boxes	139
WATANABE, H., HYODO, M., YAMADA, Y. and SEO, T.: Estimation of misclassification probability for a distance-based classifier in high-	
dimensional data	175
unnensional uata	1/3