CONTENTS

NAG, S. SULLIVAN, D.: Teichmüller theory and the universal period mapping via quantum calculus and the $H^{1/2}$ space on the circle. 1
AOMOTO, K.: On a theta product formula for the symmetric $\hat{A}$-type connection function. 35
NISHITANI, G.: On localizations of a class of strongly hyperbolic systems. 41
SEKINE, J.: A Hilbert Riemannian structure of equivariant Gaussian measures associated with Fisher information. 71
MA, Z.-M., OVERBECK, L. and RÖCKNER, M.: Markov processes associated with semi-Dirichlet forms. 97
PYRIH, P.: Two counterexamples to Cornea's conjecture on this sets. 121
KAMAL, M.A.: On the decomposition and direct sums of modules. 125
HARADA, M.: Artinian rings related to relative almost projectivity. 135
BALLICO, E. and KEEM, C.: On smooth k-gonal curves with another fixed pencil. 155
LAITINEN, E.: Endomorphisms of homogeneous spaces of Lie groups. 165
TAKAKUWA, S.: Behavior of minimizing sequences for the Yamabe problem. 171
YAMADA, Y.: An extension of Whiteney's congruence. 185
MIYAZAWA, Y.: Arf invariants of strongly invertible knots obtained from unknotting number one knots. 193

Printed by Nippon Printing & Publishing Co., Ltd.