

CONTENTS

Ph. LAURENÇOT and B.-V. MATIOC, A thin film approximation of the Muskat problem with gravity and capillary forces	1043
D. HWANG and J. KEUM, Algebraic Montgomery-Yang problem: the log del Pezzo surface case	1073
M. ASADA, On the ideal class groups of the maximal cyclotomic extensions of algebraic number fields	1091
H. MISHOU, Functional distribution for a collection of Lerch zeta functions	1105
T. Y. TAM and M. C. THOMPSON, Convergence of Aluthge iteration in semisimple Lie groups	1127
M. EFENDIEV, A. ZHIGUN and T. SENBA, On a weak attractor of a class of PDEs with degenerate diffusion and chemotaxis	1133
K. KOSHINO, Characterizing non-separable sigma-locally compact infinite-dimensional manifolds and its applications	1155
T. HIRAI and A. HORA, Spin representations of twisted central products of double covering finite groups and the case of permutation groups	1191
T. YAGASAKI, Groups of uniform homeomorphisms of covering spaces	1227
T. TAKAGI, The \mathbb{Q} -rational cuspidal group of $J_1(2p)$	1249
T. SAITO, Tunnel number of tangles and knots	1303
J. HAN and B. WANG, α -modulation spaces (I) scaling, embedding and algebraic properties	1315
R. GOTO, On the stability of locally conformal Kähler structures	1375