



## CONTENTS

TANABE, H.: HITOSHI KUMANO-GO. ....	i
HARADA, M.: A characterization of QF-algebras. ....	1
NOBUSAWA, N.: Orthogonal groups and symmetric sets. ....	5
YOKOGAWA, K.: A pair of subalgebras in an Azumaya algebra. ....	9
ASAI, T.: On the zeta functions of the varieties $X(w)$ of the split classical groups and the unitary groups. ....	21
OKUYAMA, T. and TSUSHIMA, Y.: Local properties of $p$ -block algebras of finite groups. ....	33
NAKAHARA, S.: On a generalization of semiperfect modules. ....	43
SUMITOMO, T. and TANDAI, K.: Killing tensor fields on the standard sphere and spectra of $SO(n+1)/SO(n-1) \times SO(2)$ and $O(n+1)/$ $O(n-1) \times O(2)$ . ....	51
NOMURA, Y.: Self homotopy equivalences of Stiefel manifolds $W_{n,2}$ and $V_{n,2}$ . ....	79
WILLIAMS, F.L.: Vanishing theorems for type $(0, q)$ cohomology of locally symmetric spaces II. ....	95
MINAMI, H.: On equivariant $J$ -homomorphism for involutions. ....	109
YOSIMURA, Z.: BP operations and homological properties of $BP_*$ BP-comodules. ....	123
TANAKA, R.: On the stable James numbers of Thom complexes. ....	137
DORFMEISTER, J. and NEHER, E.: Isoparametric triple systems of algebra type. ....	145
KOISO, M.: On the finite solvability of Plateau's problem for extreme curves. ....	177
MATSUDA, T.: The Berry-Esseen bound for maximum likelihood esti- mates of translation parameter of truncated distribution. ....	185
NAKAO, S.: On pathwise uniqueness and comparison of solutions of one- dimensional stochastic differential equations. ....	197
NINOMIYA, N.: On the balayage constant for logarithmic potentials. ....	205
FURUYA, K.: Analyticity of solutions of quasilinear evolution equations II. ....	217