

VOL. 37 NO. 1

JANUARY, 1985

CONTENTS

Mariko YASUGI , Groundedness property and accessibility of ordinal diagrams	1
Nobumitsu NAKAUCHI , Multiply connected minimal surfaces and the geometric annulus theorem	17
Mitsuhiko NAKAO , L^p -estimates of solutions of some nonlinear degenerate diusion equations	41
Tsuyoshi UEHARA , On cyclotomic units connected with p -adic characters	65
Hiroshi MORI , The rst eigenvalue of Laplacians on minimal surfaces in S^3	79
Hisao YOSHIHARA , Projective plane curves and the automorphism groups of their complements	87
Ola BRATTELI, George A. ELLIOTT and Derek W. ROBINSON , Strong topological transitivity and C^* -dynamical systems	115
Yoshimi EGAWA and Hiroshi SUZUKI , Automorphism groups of multilinear mappings	135
Yutaka HIRAMINE , On (G, \cdot, n, q) -translation planes	157
Minoru NAKAOKA , The mod 2 semicharacteristic and groups acting freely on manifolds	165