

VOL. 35 NO. 3

JULY, 1983

CONTENTS

<b>Kisao TAKEUCHI</b> , Arithmetic Fuchsian groups with signature (1; e) .....	381
<b>Yutaka SE-ASHI</b> , A characterization of the hermitian quadrics .....	409
<b>Etsuo YOSHINAGA</b> , Topological types of isolated singularities dened by weighted homogeneous polynomials .....	431
<b>Akira IKEDA</b> , On spherical space forms which are isospectral but not isometric .....	437
<b>Hiroshi MATSUYAMA</b> , On complementary triples in nite groups .....	445
<b>Toshiaki TERADA</b> , Fonctions hypergomtriques $F_1$ et fonctions automorphes I .....	451
<b>Kohei UCHIYAMA</b> , Fluctuations of Markovian systems in Kac's caricature of a Maxwellian gas .....	477
<b>Mitsuhiro TAKEUCHI</b> , The mapping cone method and the Hattori-Villamayor-Zelinsky sequences .....	501
<b>L. J. SANTHAROUBANE</b> , Innite families of nilpotent Lie algebras .....	515
<b>Masayoshi TSUTSUMI</b> , Scattering of solutions of nonlinear Klein-Gordon equations in three space dimensions .....	521
<b>Toshitaka NAGAI and Masayasu MIMURA</b> , Some nonlinear degenerate diusion equations related to population dynamics .....	539
<b>Michitaka HIKARI</b> , On simple groups which are homomorphic images of multiplicative subgroups of simple algebras of degree 2 .....	563