

CONTENTS

Masaki KOWADA , The orbit-preserving transformation groups associated with a measurable flow	355
Robert C. SHOCK , A note on the prime radical	374
Tetsuo NAKAMURA , On commutative unipotent groups dened by Seligman	377
Shigeru IITAKA , On some new birational invariants of algebraic varieties and their application to rationality of certain algebraic varieties of dimension 3	384
Hiroshi KIMURA , A characterization of $PSL(2, 11)$ and S_5	397
Hideki OMORI , On smooth extension theorems	405
Eiichi ABE and Yukio DOI , Decomposition theorem for Hopf algebras and pro-algebraic groups	433
Tohru AKAZA , $(3/2)$ -dimensional measure of singular sets of some Kleinian groups	448
Shoshichi KOBAYASHI and Takushiro OCHIAI , Three-dimensional compact Kähler manifolds with positive holomorphic bisectional curvature	465
Takahiro KAWAI , On the global existence of real analytic solutions of linear differential equations (I)	481
Koichi OGIUE , n -dimensional complex space forms immersed in $\{n + \frac{n(n+1)}{2}\}$ -dimensional complex space forms	518