VOL. 29 NO. 1

JANUARY, 1977

CONTENTS

dierential operator with two independent variables	1
Abdul MAJEED, Freeness of the group $\langle a^n, b^n \rangle$ for some integer n , $a, b \in SL(2, \mathbb{C})$	29
Tohru MORIMOTO, On the intransitive Lie algebras whose transitive parts are innite and primitive	35
Takao MATUMOTO, On the signature invariants of a non-singular complex sesqui-linear form	67
Shinzo KAWAMURA and Jun TOMIYAMA, On subdiagonal algebras associated with ows in operator algebras	73
Kisao TAKEUCHI, Arithmetic triangle groups	91
Mitsuru NAKAI and Shigeo SEGAWA, Harmonic dimensions related to Dirichlet inte-	
grals	107
Fumio HIAI and Ryotaro SATO, Mean ergodic theorems for semigroups of positive linear	
operators	123
Yusuke SAKANE, On compact complex ane manifolds	135
Yoichi OSHIMA, On a construction of a recurrent potential kernel by mean of time change	
and killing	151
Morikuni GOTO, On an integer associated with an algebraic group	161
Takuro SHINTANI, On irreducible unitary characters of a certain group extension of	
GL(2,C)	165