VOL. 48 NO. 1 **JANUARY, 1996**

CONTENTS

Takao FUJITA, On Kodaira energy of polarized log varieties 1

Mamoru ASADA, On the filtration of topological and pro-l mapping class groups of punctured Riemann surfaces 13

Toyohiko AIKI, Periodic stability of solutions to some degenerate parabolic equations with dynamic boundary conditions 37

Hing Sun LUK and Stephen S.-T. YAU, Invariant Kohn-Rossi cohomology and obstruction to embedding of compact real $(2n-1)$-dimensional CR manifolds in C^N 61

Christian BÄR, The Dirac operator on space forms of positive curvature 69

Kazuko MATSUMOTO, Boundary distance functions and q-convexity of pseudoconvex domains of general order in Kähler manifolds 85

Shinji EGASHIRA, Expansion growth of smooth codimension-one foliations 109

Paweł WALCZAK, Hausdorff dimension of Markov invariant sets 125

Christian GÉRARD, Hiroshi ISOZAKI and Erik SKIBSTED, N-body resolvent estimates 135

Akihiko GYOJA, A theorem of Chevalley type for prehomogeneous vector spaces 161

Kikuji MATSUMOTO and Toshiko KUROKAWA, On the capacity of singularity sets admitting no exceptionally ramified meromorphic functions 169

Rajagopalan PARTHASARATHY, On the quantization of a coherent family of representations at roots of unity 187