

VOL. 50 NO. 1

JANUARY, 1998

CONTENTS

Shun SHIMOMURA , Asymptotic expansions and Stokes multipliers of the confluent hypergeometric function Φ_2 II. Behaviour near (∞, ∞) in $P^1(C) \times P^1(C)$	1
Jerzy WIERZBICKI , On commutativity of diagrams of type Π_1 factors	23
Masato TOMIYAMA , Characterization of the group association scheme of A_5 by its intersection numbers	43
Stéphane LOUBOUTIN , Majorations explicites du résidu au point 1 des fonctions zêta de certains corps de nombres	57
Hidenobu YOSHIDA and Ikuko MIYAMOTO , Solutions of the Dirichlet problem on a cone with continuous data	71
Toshio MIKAMI , Asymptotic behavior of the first exit time of randomly perturbed dynamical systems with a repulsive equilibrium point	95
Ryuichi SUZUKI , Boundedness of global solutions of one dimensional quasilinear degenerate parabolic equations	119
Juncheng WEI , Asymptotic behavior of least energy solutions to a semilinear Dirichlet problem near the critical exponent	139
Toshiro WATANABE , Sato's conjecture on recurrence conditions for multidimensional processes of Ornstein-Uhlenbeck type	155
Carl WINSLØW , A topology on the semigroup of endomorphisms on a von Neumann algebra	169
Kunihiko KAJITANI , The Cauchy problem for Schrödinger type equations with variable coefficients	179
Antonio ROS and Francisco URBANO , Lagrangian submanifolds of C^n with conformal Maslov form and the Whitney sphere	203
Atsushi INOUE and Hidekazu OGI , Regular weights on algebras of unbounded operators	227