HIROSHIMA MATH. J.
17-2 (JUL. 1987), 225-446

ISSN 0018-2079

CONTENTS

PAGE

T. YOKOYAMA: Characterization of connection coefficients for hypergeometric systems 225

M. MIMURA, Y. YAMADA and S. YOTSUTANI: Free boundary problems for some reaction-diffusion equations 241

S.-I. EI: The effect of non-local convection on reaction-diffusion equations 281

Y. FUJIKOSHI: Error bounds for asymptotic expansions of scale mixtures of distributions 309

M. HONDA: Minimal conditions for Lie algebras and finiteness of their dimensions 325

D. KIJIMA: Cuts of ordered fields 337

K. SHIMOMURA: Non-triviality of some products of β-elements in the stable homotopy of spheres 349

Y. MIZUTA: On the differentiability of Riesz potentials of functions 355

A. OOISHI: Δ-genera and sectional genera of commutative rings 361

S. ITOH: Integral closures of ideals of the principal class 373

H. YAMADA: Super Grassmann hierarchies —A multicomponent theory— 377

O. KAKIMIZU: Finding boundary for the semistable ends of 3-manifolds 395

J. JAROŠ: Maintenance of oscillations under the effect of a strongly bounded forcing term 405

T. KUSANO and W. F. TRENCH: Global existence of nonoscillatory solutions of perturbed general disconjugate equations 415

H. YANAGIHARA: On homomorphisms of cocommutative coalgebras and Hopf algebras 433