HIROSHIMA MATH. J.
20–2 (JUL. 1990), 223–442 ISSN 0018–2079

CONTENTS

PAGE

H. ONOSE: On oscillation of Volterra integral equations and first order functional differential equations 223

Y. NAITO: Nonoscillatory solutions of neutral differential equations 231

R. KAJIKIYA: Sobolev norms of radially symmetric oscillatory solutions for superlinear elliptic equations 259

T. KOYAMA: On some contractive properties for the heat equations 277

T. KANDA and Y. FUJIKOSHI: Asymptotic distributions of the MLE's and the LR test in the growth curve model with a serial covariance structure 285

Y. NISHIURA and T. TSUJIKAWA: Instability of singularly perturbed Neumann layer solutions in reaction-diffusion systems 297

Q. CHUANXI and G. LADAS: Linearized oscillations for equations with positive and negative coefficients 331

M. MASUMOTO: A distortion theorem for conformal mappings with an application to subharmonic functions 341

M. IMAOKA: The maximal codegree of the quaternionic projective spaces .. 351

H. KACHI: Homotopy commutativity of the loop space of a finite CW-complex 365

N. FUKAGAI: Nonnegative entire solutions of a class of degenerate semilinear elliptic equations 385

M. KAWAMURA: A note on Picard principle for rotationally invariant density 395

H. TOTOKI and Y. TSUJII: Exactness and Bernoulliness of generalized random dynamical systems 399

J. JAROŠ and T. KUSANO: On oscillation of linear neutral differential equations of higher order 407

M. GOTO: Maximal tori and the center in an analytic group 421

A. HAŠČÁK: Asymptotic and integral equivalence of multivalued differential systems 425