HIROSHIMA MATH. J.
12-1 (MAR. 1982), 1-224

ISSN 0018-2079

CONTENTS

PAGE

J. R. GRAEF, M. K. GRAMMATIKOPOULOS and P. W. SPIKES: On the behavior of solutions of generalized Emden-Fowler equations with deviating arguments 1

W. BALSER: Growth estimates for the coefficients of generalized formal solutions, and representation of solutions using Laplace integrals and factorial series 11

W. F. TRENCH: Asymptotic theory of perturbed general disconjugate equations 43

O. YASUKURA and I. YOKOTA: Subgroup $(SU(2)\times Spin(12))/Z_2$ of compact simple Lie group E_7 and non-compact simple Lie group $E_{7,\sigma}$ of type $E_{7(-5)}$ 49

I.-B. KIM: Special concircular vecter fields in Riemannian manifolds 77

S. TÔGÔ: Ascendancy in locally finite groups 93

F-Y. MAEDA: Dirichlet problem for a semi-linearly perturbed structure of a harmonic space 103

T. MIYAKAWA: On nonstationary solutions of the Navier-Stokes equations in an exterior domain 115

N. KAWANO and M. NAITO: Positive solutions of semilinear second order elliptic equations in exterior domains 141

M. IMAOKA: Symplectic Pontrjagin numbers and homotopy groups of $MSp(n)$ 151

M. HONDA: Weakly serial subalgebras of Lie algebras 183

N. ABE: On generalized total curvatures and conformal mappings 203

M. SHINAGAWA: Some results on the normalization and normal flatness 209