CONTENTS

Page

R. K. MILLER AND A. N. MICHEL, Stability theory for countably infinite systems of differential equations 155

A. M. FINK, Pointwise inequalities and continuation of solutions of an n^{th} order equation 169

J. AUSLANDER AND J. A. YORKE, Interval maps, factors of maps, and chaos 177

M. KURIHARA, Asymptotic expansions in scalar linear functional differential equations 189

M. MARTELLI AND J. D. SCHUUR, Periodic solutions of Liénard type second order ordinary differential equations 201

Y. SIBUYA, A linear Pfaffian system at an irregular singularity 209

N. ONUCHIC AND L. C. PAVLU, Invariance, asymptotic behavior and stability properties for ordinary differential equations 217

J. MAWHIN, Two point boundary value problems for nonlinear second order differential equations in Hilbert spaces 225

M. ASHKENAZI AND S.-N. CHOW, Existence of periodic solutions at resonance for functional differential equations 235

G. R. SELL AND F. NAKAJIMA, Almost periodic gross-substitute dynamical systems 255

C. CORDUNEANU, Bounded and almost periodic solutions of certain nonlinear elliptic equations 265

R. CONTI, On a class of asymptotically stable linear differential equations 279

L. A. V. CARVALHO, E. F. INFANTE AND J. A. WALKER, On the existence of simple Liapunov functions for linear retarded difference differential equations 283

A. HALANAY AND VL. RĂSVAN, Stabilization of a class of bilinear control systems with applications to steam turbine regulation 299

I. VRKOČ, Scorza-Dragoni property of Filippov mappings 309

J. J. LEVIN, Nonlinearly perturbed Volterra equations 317