



CONTENTS

	PAGE
<b>H. IKEDA:</b> On the asymptotic solutions for a weakly coupled elliptic boundary value problem with a small parameter .....	227
<b>S. KOIKE:</b> On the regularity of solutions of a degenerate parabolic Bellman equation .....	251
<b>Y. FUJIKOSHI and R. NISHII:</b> Selection of variables in a multivariate inverse regression problem .....	269
<b>K. HASHIMOTO, G. NAKAMURA and S. OHARU:</b> Riesz's lemma and orthogonality in normed spaces .....	279
<b>N. YOSHIDA:</b> Oscillation of nonlinear parabolic equations with functional arguments .....	305
<b>T. TADA:</b> The Martin boundary of the half disk with rotation free densities .....	315
<b>K. OHTSUKA:</b> Generalized $J$ -integral and three-dimensional fracture mechanics II —Surface crack problems— .....	327
<b>M. YAMASAKI:</b> Ideal boundary limit of discrete Dirichlet functions .....	353
<b>T. KUSANO and M. NAITO:</b> Positive entire solutions of superlinear elliptic equations .....	361
<b>M. HONDA:</b> Classes of generalized soluble Lie algebras .....	367
<b>Y. MIZUTA:</b> On the existence of limits along lines of Beppo Levi functions .....	387
<b>M. WAKIMOTO:</b> A certain series of unitarizable representations of Lie super-algebras $gl(p q)$ .....	405
<b>M. WAKIMOTO:</b> Irreducible decompositions of spinor representations of the Virasoro algebra .....	413
<b>N. KAWAMOTO:</b> Generalizations of Witt algebras over a field of characteristic zero .....	417
<b>M. WAKIMOTO and H. YAMADA:</b> The Fock representations of the Virasoro algebra and the Hirota equations of the modified KP hierarchies .....	427
<b>S. TÔGÔ:</b> Serially finite Lie algebras .....	443