

CONTENTS

Volume 210, no. 1 and no. 2

Konstantin Athanassopoulos , Explosions near isolated unstable attractors	201
E.N. Dancer, Yihong Du and Li Ma , Asymptotic behavior of positive solutions of some elliptic problems	215
Michael Dorff, Denise Halverson and Gary Lawlor , Area-minimizing minimal graphs over nonconvex domains	229
Kirsten Eisenträger , Hilbert's tenth problem for algebraic function fields of characteristic 2	261
F.T. Farrell and L.E. Jones , Local collapsing theory	1
Roberto Frigerio, Bruno Martelli and Carlo Petronio , Complexity and Heegaard genus of an infinite class of compact 3-manifolds	283
Shamindra Kumar Ghosh , Higher exchange relations	299
Kazuhiro Ichihara and Masakazu Teragaito , Klein bottle surgery and genera of knots	317
Marc Lackenby , Exceptional surgery curves in triangulated 3-manifolds	101
J.-A. Marti , Nonlinear algebraic analysis of delta shock wave solutions to Burgers' equation	165
J. Mc Laughlin , Multi-variable polynomial solutions to Pell's equation and fundamental units in real quadratic fields	335
Ichiro Shimada , The fundamental group of the complement of a resultant hypersurface	351
A. Stoimenow with appendix by Mark Kidwell , The crossing number and maximal bridge length of a knot diagram	189
Ichiro Torisu , On the additivity of the Thurston-Bennequin invariant of Legendrian knots	359
Luis Gerardo Valdez Sánchez , Representation of types and 3-manifolds	367