

Index to Volume 3

- ABELS, H. Which groups act distally?, 167
AKCOGLU, M. A. AND SUCHESTON, L. A stochastic ergodic theorem for superadditive processes, 335
BAKER, K. A. Strong shift equivalence of 2×2 matrices of non-negative integers, 501
BARNESLEY, M. F., GERONIMO, J. S. AND HARRINGTON, A. N. Geometry, electrostatic measure and orthogonal polynomials on Julia sets for polynomials, 509
BLOCK, L., COVEN, E., MULVEY, I. AND NITECKI, Z. Homoclinic and non-wandering points for maps of the circle, 521
BLOCK, L. AND HART, D. Stratification of the space of unimodal maps, 533
BOYLE, M. Lower entropy factors of sofic systems, 541
BRATTELI, O. AND EVANS, D. E. Dynamical semigroups commuting with compact abelian actions, 187
BURNS, K. Hyperbolic behaviour of geodesic flows on manifolds with no focal points, 1
COLLET, P. AND ECKMAN, J.-P. Positive Liapunov exponents and absolute continuity for maps of the interval, 13
COVEN, E. See BLOCK, L. *et al.*
EBERLEIN, P. Rigidity of lattices of non-positive curvature, 47
ECKMAN, J.-P. See COLLET, P. AND ECKMAN, J.-P.
EVANS, D. E. See BRATTELI, O. AND EVANS, D. E.
GERONIMO, J. S. See BARNESLEY, M. F. *et al.*
GUILLEMIN, V. AND STERNBERG, S. On collective complete integrability according to the method of Thimm, 219
HALL, G. R. Bifurcation of an attracting invariant circle: a Denjoy attractor, 87
HARRINGTON, A. N. See BARNESLEY, M. F. *et al.*
HART, D. See BLOCK, L. AND HART, D.
HURLEY, M. Bifurcation and chain recurrence, 231
IRWIN, M. C. The orbit of a Hölder continuous path under a hyperbolic toral automorphism, 345
KIFER, Y. Characteristic exponents of dynamical systems in metric spaces, 119
LAMOTTE, A. Structure de certains produits semi directs, 559
LEVITT, G. Flots topologiquement transitifs sur les surfaces compactes sans bord: contre-exemples à une conjecture de Katok, 241
LEWOWICZ, J. Persistence in expansive systems, 567
LJUBICH, M. Entropy properties of rational endomorphisms of the Riemann sphere, 351
MCCLUSKEY, H. AND MANNING, A. Hausdorff dimension for horseshoes, 251
MANÉ, R. Errata to 'A proof of Pesin's formula', 159
MANNING, A. See MCCLUSKEY, H. AND MANNING, A.
MARKLEY, N. G. Topological minimal self-joinings, 579
MULVEY, I. See BLOCK, L. *et al.*
NASU, M. Constant-to-one and onto global maps of homomorphisms between strongly connected graphs, 387
NITECKI, Z. See BLOCK, L. *et al.*

- OSIKAWA, M. Flows associated with product type odometers, 601
- PANSU, P. Croissance des boules et des géodésiques fermées dans les nilvariétés, 415
- PIMSNER, M. V. Embedding some transformation group C^* -algebras into AF-algebras, 613
- PUGH, C. C. AND ROBINSON, C. The C^1 Closing Lemma, including Hamiltonians, 261
- ROBINSON, C. *See* PUGH, C. C. AND ROBINSON, C.
- ROSENBLATT, J. AND SWANSON, R. Immediate conditional hyperbolicity in dynamical systems, 627
- SMILLIE, J. Periodic points of surface homeomorphisms with zero entropy, 315
- STERNBERG, S. *See* GUILLEMIN, V. AND STERNBERG, S.
- STOWE, D. C. Real analytic actions of $SL(2, \mathbb{R})$ on a surface, 447
- SUCHESTON, L. *See* AKCOGLU, M. A. AND SUCHESTON, L.
- SUTHERLAND, C. E. On a construction of unitary cocycles and the representation theory of amenable groups, 129
- SWANSON, R. *See* ROSENBLATT, J. AND SWANSON, R.
- ZILLER, W. Geometry of the Katok examples, 135