## Index to Volumes 1–10 (1981–1990 inclusive)

AARONSON, J AND SULLIVAN, D Rational ergodicity of geodesic flows	4, 165
ABELS, H Which groups act distally?	3, 167
ADAMS, S Trees and amenable equivalence relations	10, 1
ADLER, R L AND FLATTO, L The backward continued fraction map and geodesic flow	4, 487
ADLER, R L, KITCHENS, B AND MARCUS, B H Finite group actions on shifts of finite type ADLER, R L, KITCHENS, B, AND MARCUS, B, Almost topological classification of finite-to-	5, 1
one factor maps between shifts of finite type	5. 485
AHABONOV D AND ELIAS. U Invariant curves around a parabolic fixed point at infinity	10. 209
AHARONOV, D AND ELIAS, U Parabolic fixed points, invariant curves and action-angle variables	10, 231
AKCOGLU, M A AND SUCHESTON, L A stochastic ergodic theorem for superadditive	· ,
processes	3, 335
ALEXANDER, J C AND YORKE, J A Fat baker's transformations	4, 1
ALEXEYEV, V M Existence of a bounded function of the maximal spectral type	2, 259
ALEXEYEV, V M AND OSIPOV, YU S Accuracy of Kepler approximation for fly-by orbits	
near an attracting centre	2, 263
ALPERN, S Return times and conjugates of an antiperiodic transformation	1, 135
ALPERN, S AND PRASAD, V S Dynamics induced on the ends of a non-compact manifold	8, 1
ALSEDA, L, LLIBRF, J, MISIUREWICZ, M AND SIMO, C Twist periodic orbits and	
topological entropy for continuous maps of the circle of degree one which have a fixed point	<b>5</b> , 501
ANGENENT, S B Monotone recurrence relations, their Birkhoff orbits and topological	
entropy	<b>10</b> , 15
ARNOLD, V I Singularities of Legendre varieties, of evolvents and of fronts at an obstacle	<b>2</b> , 301
ASHLEY, J Marker automorphisms of the one-sided <i>d-shift</i>	10, 247
ASHLEY, J Bounded-to-1 factors of an almost aperiodic shift of finite type are 1-to-1 almost	
everywhere factors also	10, 615
Assani, I Minimal convergence on $L^p$ spaces	10, 411
AUSLANDER, J AND MARKLEY, N Minimal flows of finite almost periodic rank	8, 155
AUSLANDER, J AND VAN DER WOUDE, J Maximally highly proximal generators of minimal	
	1, 389
AUSLANDER, J, MCMAHON, D C, VAN DER WOUDE, J C S P AND WU, I-S Weak	4 222
disjointness and the equicontinuous structure relation	4, 323
<b>BAKED I. N. Some ontree functions with multiply connected wandering domains</b>	<b>5</b> 162
BAKER, I N Some entire functions with multiply-connected wandering domains	9 502
BAKER, I IN Infinite minits in the iteration of entire functions	3 501
<b>BALLMANN</b> W AND BRIN M. On the ergodicity of geodesic flows	2 311
BALLMAN, W AND WOITKOWSKI M P An estimate for the measure theoretic entropy of	-,
geodesic flows	9. 271
BAMON, R. MALTA, I. P. PACIFICO, M. J. AND TAKENS, F. Rotation intervals of	-,
endomorphisms of the circle	4, 493
BANGERT, V Minimal geodesics	10, 263
BARGE, M A method for constructing attractors	8, 331
BARGE, M AND SWANSON, R Rotation shadowing properties of circle and annulus maps	8, 509
BARKMEIER, J Periodic attractors as a result of diffusion	7, 319
BARKMEIER, J The speed interval a rotation algorithm for endomorphisms of the circle BARNSLEY, M F, GEROMINO, J S AND HARRINGTON, A N Geometry, electrostatic	<b>8</b> , 17
measure and orthogonal polynomials on Julia sets for polynomials	3, 509

BATTERSON, S AND SMILLIE, J Smale diffeomorphisms and surface topology BATTY, C L K AND BOBINSON D W The characterization of differential operators by	<b>5</b> , 519
locality abstract derivations	5 171
BEDFORD, T Generating special Markov partitions for hyperbolic toral automorphisms	6 225
using iractais	0, 325
BEDFORD, I AND URBANSKI, M The box and Hausdorff dimension of self-affine sets	10, 627
BELLOW, A, JONES, K AND ROSENBLATT, J Convergence for moving averages	10, 43
BELOQUI, J AND PACIFICO, M J Quasi-transversal saddle-node bifurcation on surfaces	10, 63
BEREND, D Minimal sets on tori	4, 499
BEREND, D AND BERGELSON, V Ergodic and mixing sequences of transformations	4, 353
BERGELSON, V Weakly mixing PET	7, 337
BERGELSON, V AND ROSENBLATT, J Joint ergodicity for group actions	8, 351
BERGELSON, V See BEREND, D AND BERGELSON, V	4, 353
BERNHARDT, C Periodic orbits of continuous mappings of the circle without fixed points	1, 413
BERNHARDT, C Simple permutations with order a power of two	4, 179
BERNHARDT, C The ordering on permutations induced by continuous maps of the real line	7, 155
BERNSTEIN, D Birkhoff periodic orbits for twist maps with the graph intersection property	<b>5</b> , 531
BERTRAND-MATHIS, A Points génériques de Champernowne sur certains systemes codes,	
application aux $\theta$ -shifts	<b>8</b> , 35
BESSON, O On the entropy in $II_1$ von Neumann algebras	1, 419
BLANCHARD, P AND FRANKS, J An obstruction to the existence of certain dynamics in	
surface diffeomorphisms	1, 255
<b>BLANCO GARCIA</b> , C Chaos and topological entropy in dimension $n > 1$	<b>6</b> , 163
BLANK, M L Metric properties of $\varepsilon$ -trajectories of dynamical systems with stochastic	
behaviour	8, 365
BLOKH, A M AND LYUBICH, M YU Non-existence of wandering intervals and structure	
of topological attractors of one dimensional dynamical systems 2 The smooth case	9, 751
BLOCK, L AND COVEN, E M $\omega$ -limit sets for maps of the interval	6, 335
BLOCK, L AND HART, D The bifurcation of periodic orbits of one-dimensional maps	2, 125
BLOCK, L AND HART, D The bifurcation of homoclinic orbits of maps of the interval	2, 131
BLOCK, L AND HART, D Stratification of the space of unimodal maps	3, 533
BLOCK, L AND HART, D Orbit types for maps of the interval	7, 161
BLOCK, L AND FRANKE, J E The chain recurrent set, attractors, and explosions	5, 321
BLOCK, L, COVEN, E M AND NITECKI, Z Minimizing topological entropy for maps of	,
the circle	1, 145
BLOCK, L, COVEN, E M, MULVEY, I AND NITECKI, Z Homoclinic and non-wandering	
points for maps of the circle	3, 521
BONCKAERT, P, DUMORTIER, F AND VAN STRIEN, S Singularities of vector fields on $\mathbb{R}^3$	
determined by their first non-vanishing jet	9, 281
BOSE, C J Generalised baker's transformations	9, 1
BOSHERNITZAN, M D Rank two interval exchange transformations	<b>8</b> , 379
BOYARSKY, A See BYERS, W, GORA, P AND BOYARSKY, A	10, 645
BOYD, C On the structure of the family of Cherry fields on the torus	5, 27
BOYD, D W Perron units which are not Mahler measures	6, 485
BOYLE, M Lower entropy factors of sofic systems	3, 541
BOYLE, M Shift equivalence and the Jordan form away from zero	4, 367
BOYLE, M AND TUNCEL, S Regular isomorphism of Markov chains is almost topological	10, 89
BOYLE, M, FRANKS, J AND KITCHENS, B Automorphisms of one-sided subshifts of finite	
type	10, 421
BRATTELI, O AND EVANS, D E Dynamical semigroups commuting with compact Albelian	
actions	3, 187
<b>BRIN</b> , M Bernoulli diffeomorphisms with $n-1$ non-zero exponents	1, 1
BRIN, M AND KIFER, YU Dynamics of Markov chains and stable manifolds for random	
diffeomorphisms	7, 351
BRIN, M See BALLMANN, W AND BRIN, M	<b>2</b> , 311
BROER, H W AND TANGERMAN, F M From a differentiable to a real analytic perturbation	
theory, applications to the Kupka-Smale theorems	6, 345

BROER, H W AND VEGTER, G Subordinate Šil'nikov bifurcations near some singularities	
of vector fields having low codimension	4, 509
BURNS, K Hyperbolic behaviour of geodesic flows on manifolds with no focal points BURNS, K AND GERBER, M Continuous invariant cone families and ergodicity of flows	3, 1
in dimensions three	9, 19
BURNS K AND KATOK A Manifolds with non-positive curvature	5 307
BYERS, W, GORA, P AND BOYARSKY, A Maximal absolutely continuous invariant	5, 507
measures for piecewise linear Markov transformations	10, 465
CALDERONI, P., CAMPANINO, M AND CAPOCACCIA, D A local limit theorem for a	
sequence of interval transformations	5. 185
LE CALVEZ, P Propriétés des attracteurs de Birkhoff	8, 241
CAMPANINO. M See CALDERONI. P et al	5, 185
CAPOCACCIA. D See CALDERONI. P et al	5, 185
CASDAGLI M Periodic orbits for dissinative twist maps	7 167
COLLETT P AND ECKMAN L-P Positive Liapunov exponents and absolute continuity for	.,
maps of the interval	3, 13
DE CONCINI, C AND JOHNSON, R A The algebraic-geometric AKNS potentials	7.1
CONNES, A Compact metric spaces. Fredholm modules, and hyperfiniteness	9. 207
CONNES, A AND WOODS, E. J. Approximately transitive flows and ITPFI factors	5, 203
CONNES A FEIDMAN I AND WEISS B An amenable equivalence relation is generated	0, 200
by a single transformation	1 431
CODNELLS E AND WOLTKOWSKI M A criterion for the positivity of the Lippunov charac-	1, 451
teristic	4 527
CONTRACT E. M. AND MULLYEV, I. Transitivity and the centre for many of the circle	4, 527
COVEN, E. M. AND MOEVEY, I. Hanshivity and the centre for maps of the interval	1 0
COVEN, E. M. AND NITECKI, Z. Non-wandering sets of the powers of maps of the interval	1, 9
COVEN, E. M. See BLOCK, L. AND COVEN, E. M.	0, 333
COVEN, E. M. See BLOCK, L. et al.	1, 145
COVEN, E. M. See BLOCK, L. et al.	3, 321
COWLING, M AND ZIMMER, K J Actions of lattices in Sp(1, n)	9, 221
CUTLER, C D Connecting ergodicity and dimension in dynamical systems	10, 451
DANI, S G On uniformly distributed orbits of certain horocycle flows	<b>2</b> , 139
DANI, S G On orbits of unipotent flows on homogeneous spaces	4, 25
DANI, S G On orbits of unipotent flows on homogeneous spaces, II	<b>6</b> , 167
DANI, S. G. Corrections to the paper 'On orbits of unipotent flows on homogeneous spaces'	6, 321
DANI, S G On orbits of endomorphisms of tori and the Schmidt game	8, 525
DENKER, M AND PHILIPP, W Approximation by Brownian motion for Gibbs measures	
and flows under a function	4, 541
DERRIENNIC, Y AND KRENGEL, U Subadditive mean ergodic theorems	1, 33
DEVANEY, R L AND KRYCH, M Dynamics of $exp(z)$	4, 35
DEVANEY, R L AND TANGERMAN, F Dynamics of entire functions near the essential	
singularity	6, 489
DIAZ, L J AND VIANA, M Discontinuity of Hausdorff dimension and limit capacity on	
arcs of diffeomorphisms	9, 403
DONNAY, V J Geodesic flow on the two-sphere. Part 1 Positive measure entropy	8, 531
DOUADY, R Regular dependence of invariant curves and Aubrey-Mather sets of twist maps	.,
of an annulus	8, 555
DUFOUR, J P Existence de cycles pour des multi-applications du cercle	9.47
DUISTERMAAT, J J Non-integrability of the 1 1 2 resonance	4, 553
DUMORTIER, F, ROUSSARIE, R AND SOTOMAYOR, J Generic 3-parameter families of	
vector fields on the plane, unfolding a singularity with nilpotent linear part. The cusp	
case of codimension 3	<b>7</b> , 375
Esperance D. Decides of the most sector and	
EBERLEIN, F RIGHT OF JAHRES OF HOH-DOSITIVE CUTVATURE	2 47
	3, 47
ECKMAN, J-P See COLLETT, P AND ECKMAN, J-P	3, 47 3, 13

https://doi.org/10.1017/S0143385700005940 Published online by Cambridge University Press

ELIAS, U See AHARONOV, D AND ELIAS, U FLUOTT G A AND ZSIDÓ L. One-parameter automorphism groups of operator algebras	10, 231
allowing spectral projections	4 187
FLUIS D B Suspensions of topological transformation groups	10 101
FLUIS R Cohomology of groups and almost periodic extensions of minimal sets	1 49
FLUS R Topological dynamics and ergodic theory	7 25
ELLIS, R TOPOlogical dynamics and cipolic moory ELLIS R AND GLASNER S. Iterated extensions	7,25
ELENS, R AND GLASNER, 5 Instantic exclusions	7 481
ENCLI C. C. AND HONC S. Time like geodesis flows on Lorentz manifolds	7,401
EVANO D E AND HONG, S Third-like geodesic hows on Lorentz maintoids	7, 175
EVANS, D E AND KISHIMOTO, A Duanty for automorphisms on a compact C *-dynamical	0 177
System Evanic D. E., See Bratteria O. and Evanic D. E.	<b>5</b> , 1/3
EVANS, D E See BRATTELI, O AND EVANS, D E	3, 107
FATHI, A Skew products and minimal dynamical systems on separable Hilbert manifolds	4, 213
FATHI, A Some compact invariant sets for hyperbolic linear automorphisms of tori	8, 191
FATHI, A Homotopical stability of pseudo-Anosov diffeomorphisms	10, 287
FELDMAN, J AND ORNSTEIN, D Semi-rigidity of horocycle flows over compact surfaces	,
of variable negative curvature	7, 49
FELDMAN, J, SUTHERLAND, C E AND ZIMMER, R J Subrelations of ergodic equivalence	,
relations	9, 239
FELDMAN, J See CONNES, A et al	1, 431
FERES, R AND KATOK, A Invariant tensor fields of dynamical systems with pinched	-
Lyapunov exponents and rigidity of geodesic flows	9, 427
FERES, R AND KATOK, A Anosov flows with smooth foliations and rigidity of geodesic	,
flows on three-dimensional manifolds of negative curvature	10.657
FIEBIG, U R A return time invariant for finitary isomorphisms	4. 225
FIELDSTEEL, A Stability of the weak Pinsker property for flows	4. 381
FIELDSTEEL, A AND FRIEDMAN, N A Restricted orbit changes of ergodic $\mathbb{Z}^d$ -actions to	-,
achieve mixing and completely positive entropy	6. 505
FIELDSTEEL, A AND RUDOLPH, D J Stability of <i>m</i> -equivalence to the weak Pinsker	0, 200
property	10 119
FULLEWICZ R P Isomorphisms between diffeomorphism groups	2 159
FLAMINIC I. An extension of Ratner's rigidity theorem to n-dimensional hyperbolic space	7 73
FLATTO I. See ADLER B. L. AND FLATTO I	4 487
FLOEP A A refinement of the Conley index and an application to the stability of hyperbolic	4, 407
invariant sets	7 93
FONTICH F AND SIMO C. The solution of separatrices for analytic diffeomorphisms	10 205
FONTICH, E AND SIMO, C Invariant manifolds for near identity differentiable mans and	10, 275
solution of separatrices	10 319
FRANKE I F See RIOCK I AND FRANKE I F	5 321
FRANKS, J. Elow equivalence of sub-shifts of finite type	J, 521
EDANKS I See REANCHARD P AND EDANKS I	1 255
EDANKS, J SEE DEANCHARD, I AND I KANKS, J	1, 255
ENER D. Jeantronic fitting of Anosov systemarchisms	<b>1</b> 0, 421 <b>1</b> 172
ENER, D Growth rate of surface homeomorphisms	2, 173 E 570
ENER, D Areson foliations and schemelogy	3, 335
FRIED, D Anosov rolations and conomology	7 480
FRIED, D Finitely presented dynamical systems	7,409 9 401
ENERGY AND SAND MUNICE L. Durantical according of plana polynomial system on human	0, 491
FRIEDLAND, S AND MILNOR, J Dynamical properties of plane polynomial automorphisms	9,0/ 9,57
EDIEDMAN, N. A. Saa EIELDSTEEL A AND EDIEDMAN N. A	6, 55
TRIEDMAN, N. A. JEE FIELDSTEEL, A AND FRIEDMAN, N. A.	0, 303
GABRIEL, P See FRIEDMAN, N. GABRIEL, P AND KING, J	8. 53
GERBER, M See BURNS, K AND GERBER, M	9.19
GERONIMO, J S See BARNSLEY, M F et al	3 600
	3. 309
GHYS, E Flots d'Anosov sur les 3-variétés en cercles	<b>4</b> . 67

GILMAN, R H Classes of linear automata	7, 105
GIORDANO, T AND SKANDALIS, G On infinite tensor products of factors of type $I_2$	<b>5</b> , 565
GLASNER, E A topological version of a theorem of Veech and almost simple flows	10, 463
GLASNER, S AND MAON, D Rigidity in topological dynamics	<b>9</b> , 309
GLASNER, S AND RUDOLPH, D Uncountably many topological models for ergodic trans-	
formations	4, 233
GLASNER, S AND WEISS, B A weakly mixing upside-down tower of isometric extensions	1, 151
GLASNER, S See ELLIS, R AND GLASNER, S	2, 1
GOLDBERG, L K AND KEEN, L A finiteness theorem for a dynamical class of entire	C 102
functions	<b>0</b> , 183
GOLDBERG, L K See GHYS, E et al	5, 329
GOLODEIS, V YA AND SINELSHCHIKOV, S D Locally compact groups appearing as	5 47
GOODMAN S. Vector fields with transverse foliations	6 103
GODA P AND SCHMITT B. Un exemple de transformation dilatante et $C^1$ par morceaux	<b>U</b> , 175
de l'intervalle sans probabilité absolument continue invariante	9 101
GORA P See RVERS W GORA P AND BOYARSKY A	10 645
GOROFE D.L. Hyperbolic sets for twist mans	5 337
GREBOGI C OTT E AND YORKE J A Super persistent chaotic transients	5. 341
GUILLEMIN V AND STERNBERG, S On collective complete integrability according to the	•, • •
method of Thum	3. 219
GUIVARCH, Y Propriétés ergodiques, en mesure infinie, de certains systèmes dynamiques	-,
fibrés	9, 433
GUIVARCH, Y Produits de matrices aléatoires et applications aux propriétés géometriques	,
des sous-groupes du groupe lineaire	10, 483
GUTIERREZ, C Smoothing continuous flows on two manifolds and recurrences	6, 17
GUTIERREZ, C On the C'-closing lemma for flows on the torus $T^2$	6, 45
GUTIERREZ, C A counter-example to a $C^2$ closing lemma	7, 509
GUTKIN, E Billiards on almost integrable polyhedral surfaces	4, 569
HALL, G R A $C^{\infty}$ Denjoy counterexample	1, 261
HALL, G R Bifurcation of an attracting invariant circle a Denjoy attractor	3, 8/
HALL, G R A topological version of a theorem of Mather on twist maps	4, 585
HAMACHI, I Un a Bernoulli shift with non-identical factor measures	0 455
HAMENSTADT, U A new description of the Bowen-Marguns measure	9,400
HANDEL, M Global shadowing of pseudo-Anosov nomeomorphisms	5, 5/5 9 505
HANDEL, M Entropy and semi-conjugacy in dimension two	6, 363 6 57
HANDELMAN, D Deciding eventual positivity of polynomials	7 102
HANDELMAN, D Eventually positive matrices with rational eigenvectors	7, 195 <b>3</b> 500
HARKINGTON, A N SEE DARNSLET, M F ET UL HART D See BLOCK I AND HART D	2 125
HART D See BLOCK, L'AND HART D	2, 125
HART D See BLOCK L AND HART D	3 533
HART D See BLOCK I AND HART D	7 161
HART, D SEE BLOCK, D AND HART, D HASSEL BLATT B A new construction of the Margulis measure for Anosov flows	9 465
HAVEN N T A Meromorphic extension of the zeta function for Axiom A flows	10 347
HAVDN N T A On Gibbs and equilibrium states	7, 119
HERMAN M R Construction d'un diffeomorphisme minimal d'entropie topologique non	.,
nulle	1.65
HIRSCH, M W AND PUGH, C C Cohomology of chain recurrent sets	8, 73
HOCKETT, K AND HOLMES, P Joseph Son's junction, annulus maps. Birkhoff attractors.	,
horseshoes and rotation sets	6, 205
HOFBAUER, F The structure of piecewise monotonic transformations	1, 159
HOFBAUER, F Periodic points for piecewise monotonic transformations	5, 237
HOFBAUER, F AND KELLER, G Equilibrium states for piecewise monotonic transforma-	
tions	2 23
	<b>a</b> , 23

HONG, S See EMCH, G G AND HONG, S HOST, B Valeurs propres des systèmes dynamiques définis par des substitutions de longueur	7, 175
variable	6, 529
substitutions	0 460
HUMKE P. D. AND LACZKOVICH M. Approximations of continuous functions by squares	10 361
HURDER S Problems on rigidity of group actions and cocycles	<b>6</b> 473
HURDER, S OLESEN D RAEBURN I AND ROSENBERG I The Connes spectrum for	5, 475
actions of Abelian groups on continuous trace algebras	6 541
HUBLEY M Bifurcation and chain recurrence	3 231
HUBLEY, M Combined structural and topological stability are equivalent to Axiom A and	5, 251
the strong transversality condition	4 81
HUBLEY M Multiple attractors in Newton's method	6 561
HUBLEY, M Attractors in cellular automata	10 131
HURLEY, M Freedric aspects of cellular automata	10, 101
	10, 071
IM HOF, H-C An Anosov action on the bundle of Weyl chambers	<b>5</b> , 587
INNAMI, N A characterization of flat metrics on tori by ergodicity	7, 197
IRWIN, M C The orbit of a Holder continuous path under a hyperbolic toral automorphism	3, 345
IRWIN, M C Holder continuous paths and hyperbolic toral automorphisms	6, 241
LACORSON M. V. Invariant measures for some one-dimensional attractors	2 317
INCUENC, YIONG. The attracting centre of a continuous self-man of the interval	8 205
JOHNSON R A See DE CONCINI C AND JOHNSON R A	7 1
JOHNSON, K.A. See DE CONCINI, C. AND JOHNSON, K.A.	7, 1
subsequences	7 203
IONES D. See RELLOW & IONES D. AND ROSENBLATT I	10 43
JONES, K See BELLOW, A, JONES, K AND ROSENBLATT, J	9 205
JONKER, L B Rotation intervals for a faining of degree-one circle inaps	1 285
DEL JUNCO, A Printary codes between one-sided bethodin sints	7 211
DEL JUNCO, A On minimal sen-joinings in topological dynamics	10 697
DEL JUNCO, A AND KEANE, M On generic points in the Cartesian square of Chacon's	10, 007
transformation	5, 59
DEL JUNCO, A AND RUDOLPH, D J Kakutani equivalence of ergodic $\mathbb{Z}^n$ actions	4, 89
DEL JUNCO, A AND RUDOLPH, D J A rank-one, rigid, simple, prime map	7, 229
DEL JUNCO, A AND RUDOLPH, D J On ergodic actions whose self-ioinings are graphs	7, 531
	,
KALIKOW, S A Twofold mixing implies threefold mixing for rank one transformations	4, 237
KANAI, M Geodesic flows of negatively curved manifolds with smooth stable and unstable	
foliations	8, 215
KAPLAN, J L, MALLETT-PARET, J AND YORKE, J A The Lyapunov dimension of a	
nowhere differentiable attracting torus	4, 261
KATOK, A Some remarks on Birkhoff and Mather twist map theorems	2, 185
KATOK, A Entropy and closed geodesics	2, 339
KATOK, A Vladimir Abramovich Rokhlin (23 August 1919 to 3 December 1984) Intro-	9 605
ductory note	9,005
A TOK, 5 Approximate solutions of conomological equations associated with some Anosov	10 267
nows	10, 307
KATOK, A See BURNS, K AND NATOK, A	5, 307
KATOK, A See FERES, K AND KATOK, A	9,427
KATOK, A See FERES, K AND KATOK, A	10, 05/
KATZNELSON, Y AND URNSTEIN, D Ine differentiability of the conjugation of certain	0 447
dimeomorphisms of the circle	9, 043
NATZNELSON, Y AND URNSTEIN, D I I ne absolute continuity of the conjugation of certain	0 (01
ameomorphisms of the circle	9,001 8 60
KEANE, M See DEL JUNCO, A AND KEANE, M	5, 39
<b>REEN, L</b> isopology and growth of a special class of noiomorphic self-maps of $\mathbb{C}$	<b>y</b> , 321

KEEN, L See GOLDBERG, L R AND KEEN, L	6, 183
KELLER, G Exponents, attractors and Hopf decompositions for interval maps	10, 717
Keller, G See Hofbauer, F and Keller, G	2, 23
KERCKHOFF, S P Simplicial systems for interval exchange maps and measured foliations	5, 257
KEYNES, H B AND SEARS, M Real-expansive flows and topological dimension	1, 1/9
KIFER, Y Characteristic exponents of dynamical systems in metric spaces	3, 119
KIFER, Y AND SLUD, E Perturbations of random matrix products in a reducible case	2, 367
KIFER, YU See BRIN, M AND KIFER, YU	7, 351
KIM, K H AND ROUSH, F W On strong snift equivalence over a Boolean semiring KIM, K H AND ROUSH, F W Decidability of epimorphisms of dimension groups and	0, 81
certain modules	9, 479
KIM, K H AND ROUSH, F W An algorithm for sofic shift equivalence	10, 381
KING, J A counterexample to a positive entropy skew product generalization of the Pinsker	
conjecture	5, 379
KING, J The commutant is the weak closure of the powers, for rank-1 transformations	<b>6</b> , 363
KING, J A map with topological minimal self-joinings in the sense of del Junco	10, 745
King, J See Friedman, N , Gabriel, P and King, J	8, 53
Kishimoto, A See Evans, D E and Kishimoto, A	8, 173
KITCHENS, B P Expansive dynamics on zero-dimensional groups	7, 249
KITCHENS, B AND SCHMIDT, K Automorphisms of compact groups	<b>9</b> , 691
KITCHENS, B See ADLER, R et al	5, 1
KITCHENS, B See ADLER, R et al	<b>5</b> , 485
KITCHENS, B See BOYLE, M, FRANKS, J AND KITCHENS, B	10, 421
KORNER, T Recurrence without uniform recurrence	7, 559
KRAWCZAK, M On upcrossing inequalities for subadditive superstationary processes	5, 409
KRENGEL, U See DERRIENNIC, Y AND KRENGEL, U	1, 33
KRIEGER, W On the subsystems of topological Markov chains	<b>2</b> , 195
KRYCH, M See DEVANEY, R L AND KRYCH, M	4, 35
LACTRONICH M. ST. HUNRE P. D. AND LACTRONICH M.	10 261
LACZKOVICH, M SEE HUMKE, F D'AND LACZKOVICH, M	2 550
LEMPARTIER, A Structure of certains products seen directs	3, 333
LEDRAPPIER, I Some properties of absolucity continuous invariant measures on an interval	1, //
exponent zero	5 505
LEDBARRIER F AND STREIGYN L.M. A proof of the estimation from below in Pesin's	5, 575
entrony formula	2 203
I ELERER F AND WEISS B. An s-free Rohlin lemma	2, 205
I EMANCZYK M AND MENTZEN M K Compact subgroups in the centralizer of natural	<b>*</b> , +3
factors of an ergodic group extension of a rotation determine all factors	10 763
I ESIGNE F Théoremes ergodiques pour une translation sur une pilvarieté	9 115
LESIGNE, E Un theoreme de disjonction de systemes dynamiques et une généralisation du	>, 110
théorème ergodique de Wiener-Wintner	10 513
LEVI M KAM theory for narticles in periodic potentials	10 777
LEVIT G Flots topologiquement transitifs sur les surfaces compactes sans bord con-	10,
trevemples à une conjecture de Katok	3 241
developed a due conjecture de radox	
LEWOWICZ L Persistence in expansive systems	3 567
LEWOWICZ, J Persistence in expansive systems LEWOWICZ LAND LIMA DE SA E Analytic models of pseudo-Anosov maps	<b>3</b> , 567 <b>6</b> , 375
LEWOWICZ, J Persistence in expansive systems LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E	<b>3</b> , 567 <b>6</b> , 375 <b>6</b> , 375
LEWOWICZ, J Persistence in expansive systems LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E LIND, D A Dynamical properties of quasihyperbolic toral automorphisms	3, 567 6, 375 6, 375 2, 49
LEWOWICZ, J Persistence in expansive systems LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E LIND, D A Dynamical properties of quasihyperbolic toral automorphisms LIND, D A The entropies of topological Markov shifts and a related class of algebraic	3, 567 6, 375 6, 375 2, 49
LEWOWICZ, J Persistence in expansive systems LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E LIND, D A Dynamical properties of quasihyperbolic toral automorphisms LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers	3, 567 6, 375 6, 375 2, 49 4, 283
<ul> <li>LEWOWICZ, J Persistence in expansive systems</li> <li>LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps</li> <li>LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E</li> <li>LIND, D A Dynamical properties of quasihyperbolic toral automorphisms</li> <li>LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers</li> <li>LIND, D The spectra of topological Markov shifts</li> </ul>	3, 567 6, 375 6, 375 2, 49 4, 283 6, 571
<ul> <li>LEWOWICZ, J Persistence in expansive systems</li> <li>LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps</li> <li>LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E</li> <li>LIND, D A Dynamical properties of quasihyperbolic toral automorphisms</li> <li>LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers</li> <li>LIND, D The spectra of topological Markov shifts</li> <li>LIND, D A AND WARD, T Automorphisms of solenoids and p-adic entropy</li> </ul>	3, 567 6, 375 6, 375 2, 49 4, 283 6, 571 8, 411
<ul> <li>LEWOWICZ, J Persistence in expansive systems</li> <li>LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps</li> <li>LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E</li> <li>LIND, D A Dynamical properties of quasihyperbolic toral automorphisms</li> <li>LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers</li> <li>LIND, D The spectra of topological Markov shifts</li> <li>LIND, D A AND WARD, T Automorphisms of solenoids and p-adic entropy</li> <li>LLIBRE, J See ALSEDA, L et al</li> </ul>	3, 567 6, 375 6, 375 2, 49 4, 283 6, 571 8, 411 5, 501
<ul> <li>LEWOWICZ, J Persistence in expansive systems</li> <li>LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps</li> <li>LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E</li> <li>LIND, D A Dynamical properties of quasihyperbolic toral automorphisms</li> <li>LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers</li> <li>LIND, D The spectra of topological Markov shifts</li> <li>LIND, D A AND WARD, T Automorphisms of solenoids and p-adic entropy</li> <li>LLIBRE, J See ALSEDA, L et al</li> <li>LONGO, R Restricting a compact action to an injective subfactor</li> </ul>	3, 567 6, 375 6, 375 2, 49 4, 283 6, 571 8, 411 5, 501 9, 127
<ul> <li>LEWOWICZ, J Persistence in expansive systems</li> <li>LEWOWICZ, J AND LIMA DE SA, E Analytic models of pseudo-Anosov maps</li> <li>LIMA, DE SA, E See LEWOWICZ, J AND LIMA DE SA, E</li> <li>LIND, D A Dynamical properties of quasihyperbolic toral automorphisms</li> <li>LIND, D A The entropies of topological Markov shifts and a related class of algebraic integers</li> <li>LIND, D The spectra of topological Markov shifts</li> <li>LIND, D A AND WARD, T Automorphisms of solenoids and p-adic entropy</li> <li>LLIBRE, J See ALSEDA, L et al</li> <li>LONGO, R Restricting a compact action to an injective subfactor</li> <li>LOPES, A O Equilibrium measures for rational maps</li> </ul>	3, 567 6, 375 6, 375 2, 49 4, 283 6, 571 8, 411 5, 501 9, 127 6, 393

LYUBICH, M YU Entropy properties of rational endomorphisms of the Riemann sphere LYUBICH, M YU Non-existence of wandering intervals and structure of topological attrac-	<b>3</b> , 351
tors of one dimensional dynamical systems I The case of the negative Scharzian derivative	9, 737
LYUBICH, M YU See BLOKH, A M AND LYUBICH, M YU	9, 751
	,
MALLETT-PARET, J See KAPLAN, J L, MALLETT-PARET, J AND YORKE, J A	4, 261
MALTA, I On Denjoy's theorem for endomorphisms	6, 259
MALTA, I P See BAMON, R, MALTA, I P, PACIFICO, M J AND TAKENS, F	4, 493
MANE, R A proof of Pesin's formula	1, 95
MANE, R Errata to 'A proof of Pesin's formula'	3, 159
MANE, R On the Bernoulli property for rational maps	5, 71
MANNING, A A relation between Lyapunov exponents, Hausdorff dimension and entropy	1, 451
MANNING, A Errata to 'Hausdorff dimension for horseshoes'	5, 319
MANNING, A See McCluskey, H and Manning, A	3, 251
MAON, D See Glasner, S and Maon, D	9, 309
MARCUS, B See ADLER R et al	5, 1
MARCUS, B See ADLER, R et al	5. 485
MARDESIC, P The number of limit cycles of polynomial deformations of a Hamiltonian	.,
vector field	10. 523
MARGULIS, G. A. Finitely-additive invariant measures on Euclidean spaces	2. 383
MARKLEY, N.G. Topological minimal self-ioinings	3, 579
MARKLEY, N See AUSLANDER, J AND MARKLEY, N	8. 155
MARTENS, M., VAN STRIEN, S., DE MELO, W. AND MENDES, P. On Cherry flows	10. 531
MARTIN N F G On ergodic properties of restrictions of inner functions	9 137
MARTIN, REVES F L AND DE LA TORRE A On the almost everywhere convergence of	-,
the erondic averages	10 141
MASUR H Measured foliations and handlebodies	6 99
MASUR H The growth rate of trajectories of a quadratic differential	10 151
MATHER J N Glancing billiards	2 397
MATHER, J. N. Non-existence of invariant circles	4 301
MATSLOKA T The number of periodic points of smooth maps	9 153
<b>MAYER J.C.</b> An explosion point for the set of endpoints of the Julia set of $\lambda \exp(z)$	10 177
MCCLUSKEY H AND MANNING A Hausdorff dimension for horseshoes	3 251
MCMAHON D.C. See AUSLANDER I. MCMAHON D.C. VAN DER WOUDE I.C.S.P.	0, 201
AND WU T-S	4 323
MEESTER R W I An algorithm for calculating critical probabilities and percolation	4, 525
functions in percolation models defined by rotations	9, 495
DE MELO W AND VAN STRIEN S. J. Diffeomorphisms on surfaces with a finite number	.,
of moduli	7.415
DE MELO See MARTENS M VAN STRIEN S DE MELO W AND MENDES P	10 531
MENDES P See MARTENS M VAN STRIEN S DE MELO, W AND MENDES P	10 531
MENDOZA I The entropy of $C^2$ surface diffeomorphisms in terms of Hausdorff dimension	10, 551
and a Lyanunov exponent	<b>5</b> 273
MENTZEN M.K. See LEMANCZYK M. AND MENTZEN M.K.	10 763
MILNOR J See FRIEDLAND S AND MILNOR J	9 67
MISIUREWICZ, M On iterates of $e^z$	1, 103
MISIUREWICZ, M Periodic points of maps of degree one of a circle	2, 221
MISUREWICZ, M Perturbations and transitivity for certain maps of an interval	2, 229
MISHIREWICZ, M Attracting Cantor set of positive measure for a $C^{\infty}$ map of an interval	2 405
MISHIREWICZ, M. Twist sets for mans of the circle	4 391
MISIUREWICZ, M Rotation intervals for a class of maps of the real line into itself	6 117
MISIUREWICZ, M AND SMITAL, J Smooth chaotic maps with zero topological entropy	8, 421
MISIUREWICZ, M See Alseda, L et al	5, 501
MISIUREWICZ, M See LEDRAPPIER, F AND MISIUREWICZ, M	5, 595
MOECKEL, R Geodesics on modular surfaces and continued fractions	2.69
MOECKEL, R Relative equilibria of the four-body problem	5, 417
MOECKEL, R Generic bifurcations of the twist coefficient	10, 185

MOSER, J Monotone twist mappings and the calculus of variations	6, 409
MOSHER, L Equivariant spectral decomposition for flows with a $\mathbb{Z}$ action	9, 329
MOSHER, L Correction to 'Equivariant spectral composition for flows with a 2-action'	10, 787
MOUSSU, R Symétrie et forme normale des centres et foyers dégénérés	2, 241
MROZEK, M Open index pairs, the fixed point index and rationality of zeta functions	10, 555
MULVEY, I See COVEN, E M AND MULVEY, I	6, 1
MULVEY, I See BLOCK, L et al	<b>3</b> , 521
NAKANISHI, T A remark on R Moeckel's paper 'Geodesics on modular surfaces and	
continued fractions'	9, 511
NASU, M Constant-to-one and onto global maps of homomorphisms between strongly	,
connected graphs	3, 387
NASU, M An invariant for bounded-to-one factor maps between transitive sofic shifts	5, 89
NASU, M Topological conjugacy for sofic shifts	6, 265
NERURKAR, M G On the construction of smooth ergodic skew-products	8, 311
NITECKI, Z See Coven, E M and NITECKI, Z	1, 9
NITECKI, Z See BLOCK, L et al	1, 145
NITECKI, Z See BLOCK, L et al	3, 521
NOGUEIRA, A Almost all interval exchange transformations with flips are nonergodic	9, 515
NOWICKI, T Symmetric S-unimodal mappings and positive Lyapunov exponents	5, 611
NOWICKI, T A positive Lyapunov exponent for the critical value of an S-unimodal mapping	
implies uniform hyperbolicity	8, 425
OLESEN D. See HUDDED S et al	6 541
OLIVEIDA E On the generic existence of homoclinic points	7 567
OPNETEIN D AND WEISS B Any flow is an orbit factor of any flow	4 105
ORNSTEIN, D. See FEIDMAN LAND ORNSTEIN D.	7 49
ORNSTEIN D See KATZNEISON Y AND ORNSTEIN D	9 643
ORNSTEIN D See KATZNELSON, Y AND ORNSTEIN D	9 681
OSIKAWA M Flows associated with product type odometers	3 601
OSIPOV YU S See ALEXEVEV V M AND OSIPOV YU S	2, 263
OTT E See GREBOGL C et al	5, 341
···,	-,
DACIFICO M. L. See RAMON P. MALTA I. P. PACIFICO M. LAND TAKENS F.	4 403
PACIFICO, M. J. See DAMON, R., MALTA, I.F., FACIFICO, M. J. AND TAKENS, F.	10 63
PANSIL P. Croissance des boules et des géodésiques fermées dans les nilvarietés	3 415
PARK K On erroduc foliations	8 437
PARRY W Self-generation of self-replicating maps of an interval	1 197
PARRY, W Bowen's equidistribution theory and the Dirichlet density theorem	4 117
PARRY, W AND POLLICOTT M. The Chebotarov theorem for Galois coverings of Axiom	4, 117
A flows	6. 133
PARRY W AND TUNCEL S. On the classification of Markov chains by finite equivalence	1 303
PATTERSON S. E. $\Omega$ -stability is not dense in Axiom A	8, 621
PELIKAN S AND SLAMINKA, E.E. A bound for the fixed-point index of area-preserving	•, •==
homeomorphisms on two-manifolds	7,463
PESIN, YA B On the notion of the dimension with respect to a dynamical system	4, 405
PESIN, YA B AND SINAI, YA G Gibbs measures for partially hyperbolic attractors	2, 417
PETERSEN, K Chains, entropy, coding	6, 415
PETKOV, V M AND STOJANOV, L N On the number of periodic reflecting rays in generic	, -
domains	8, 81
Philipp, W See Denker, M and Philipp, W	4, 541
PIMSNER, M V Embedding some transformation group $C^*$ -algebras into AF-algebras	3, 613
PLANTE, J F Fixed points of Lie groups actions on surfaces	6, 149
POLLICOTT, M A complex Ruelle-Perron-Frobenius theorem and two counterexamples	4, 135
POLLICOTT, M See PARRY, W AND POLLICOTT, M	6, 133

Index to Volumes 1-10

Pollicott, M See Parry, W and Pollicott, M Prasad, V S See Alpern, S and Prasad, V S 8, 1

PRZYTYCKI, F Examples of conservative diffeomorphisms of the two-dimensional torus	
with coecistence of elliptic and stochastic behaviour	<b>2</b> , 439
PUGH, C C The $C^{11}$ conclusions in Gromov's theory	7, 133
PUGH, C C AND ROBINSON, C The $C^1$ Closing Lemma, including Hamiltonians	3, 261
PUGH, C C See Hirsch, M W and PUGH, C C	8, 73
PUTNAM, I F On the topological stable rank of certain transformation group $C^*$ -algebras	10, 197
RAEBURN, I See HURDER, S et al	<b>6</b> , 541
RAHE, M H AND RUDOLPH, D J Loose Bernoullicity is preserved under exponentiation	
by integrable functions	7, 263
RATNER, M Factors of horocycle flows	2, 465
RATNER, M The rate of mixing for geodesic and horocycle flows	7, 267
REES, M Checking ergodicity of some geodesic flows with infinite Gibbs measure	1, 107
REES, M Divergence type of some subgroups of finitely generated Fuchsian groups	1, 209
REES, M An alternative approach to the ergodic theory of measured foliations on surfaces	1, 461
REES, M Ergodic rational maps with dense critical point forward orbit	4, 311
ROBBIN, J W Unfoldings of discrete dynamical systems	4, 421
ROBINSON, C Transitivity and invariant measures for the geometric model of the Lorenz	4 605
<b>ROBINISON C</b> Firsts to 'Transitivity and invariant measures for the geometric model of the	4,005
Lorenz equations'	6 373
ROBINSON C See PLICH C C AND ROBINSON C	3 261
ROBINSON, D. W. See BATTY C. I.K. AND ROBINSON D.W.	5, 201
ROBINSON, E A Mixing and spectral multiplicity	5 617
ROCHA L. F. C. Characterization of Morse-Smale isotony classes on surfaces	5 107
ROSENBERG I See HURDER S et al	6 541
ROSENBLATT I AND SWANSON R Immediate conditional hyperbolicity in dynamical	0, 541
systems	3 627
ROSENBLATT I SPE BELLOW A JONES R AND ROSENBLATT I	10 43
ROSENBLATT I See BERGELSON V AND ROSENBLATT I	8 351
ROUSH F.W. See KIM K.H. AND ROUSH F.W.	6 81
ROUSH F W See KIM K H AND ROUSH F W	10 381
ROUSSARIE R See DUMORTIER F et al	7 375
RUDNICKL R Invariant measures for the flow of a first order partial differential equation	5 437
RUDOLPH, D J A mixing Markov chain with exponentially decaying return times is finitarily	-,
Bernoulli	2, 85
RUDOLPH, D J Ergodic behaviour of Sullivan's geometric measure on a geometrically finite	<b>a</b> 401
nyperdolic manifold	2,491
RUDOLPH, D J $k$ -fold mixing fifts to weakly mixing isometric extensions	5, 445
RUDOLPH, D J Z and K cocycle extensions and complementary algebras	0, 383
RUDOLPH, D J ×2 and ×3 invariant measures and entropy	10, 395
RUDOLPH, D J AND SILVA, C E Minimal self-joinings for nonsingular transformations	9, 739
RUDOLPH, D J See DEL JUNCO, A AND RUDOLPH, D J	4, 89
RUDOLPH, D J See DEL JUNCO, A AND RUDOLPH, D J	7, 229
RUDOLPH, D J See DEL JUNCO, A AND RUDOLPH, D J	10 110
RUDOLPH, D J See FIELDSTEEL, A AND RUDOLPH, D J	4 222
RUDOLPH, D J See CLASNER, S AND RUDOLPH, D	4,233
RUDULPH, D J See RAHE, M H AND RUDULPH, D J	7, 203
RUELLE, D Repetiers for real analytic maps	2, 99
A moise equation in Contex's index theory for	<b>E</b> 132
Scinnows on incure spaces <b>D</b> ycuum M. D. Another proof of lakoheon's Theorem and related results	3, 123
RICHLIK, M. R. Allocher proof of Jakobson's Incorem and related results	0, 93 10 702
NTCHER, MAR LOTERZ attractors through SH likov-type bildivation Fail I	10, 793
SARNAK, P Entropy estimates for geodesic flows	<b>2</b> , 513
SCHMIDT, K Amenability, Kazhdan's property T, strong ergodicity and invariant means	
for ergodic group actions	1, 223

Index	to	Volumes	1-10
IMAGA	10	v orunies	1-10

	<b>0</b> (0)
SCHIMDT, K SEE KITCHENS, B AND SCHIMDT, K Stads M See Kevnes H B and Seads M	9, 691
SERIES, M. See RETINES, IT D'AND SEARS, M.	1, 1/2
SERIES, C Geometrical Markov coding of geodesics on surfaces of constant negative cur-	1, 557
vature	6.601
SHISHIKURA, M Trees associated with the configuration of Herman rings	9, 543
SHUB, M AND SULLIVAN, D Expanding endomorphisms of the circle revisited	5, 285
SILVA, C E See RUDOLPH, D J AND SILVA, C E	9, 759
SIMO, C See Alseda, L et al	5, 501
SIMO, C See FONTICH, E AND SIMO, C	10, 295
SIMO, C See FONTICH, E AND SIMO, C	10, 319
SINAI, YA G About A N Kolmogorov's work on the entropy of dynamical systems	8, 501
SINAI, YA G See PESIN, YA B AND SINAI, YA G	<b>2</b> , 417
SINELSHCHIKOV, S D See GOLODETS, V YA AND SINELSHCHIKOV, S D	5, 47
SKANDALIS, G See GIORDANO, T AND SKANDALIS, G	<b>5</b> , 565
SLAMINKA, E E See PELIKAN, S AND SLAMINKA, E E	7, 463
SLUD, E See KIFER, Y AND SLUD, E	<b>2</b> , 367
SMILLIE, J Periodic points of surface homeomorphisms with zero entropy	<b>3</b> , 315
SMILLIE, J The entropy of polynomial diffeomorphisms of $C^2$	10, 823
SMILLIE, J See BATTERSON, S AND SMILLIE, J	5, 519
SMITAL, J See MISIUREWICZ, AND SMITAL, J	8, 421
SOTOMAYOR, J See DUMORTIER, F et al	7, 375
SPATZIER, R J On lattices acting on boundaries of semi-simple groups	1, 489
SPATZIER, R J An example of an amenable action from geometry	7, 289
STERNBERG, S See GUILLEMIN, V AND STERNBERG, S	3, 219
STOJANOV, L N Generic properties of periodic reflecting rays	7, 597
STOJANOV, L N See PETKOV, V M AND STOJANOV, L N	8,81
STOWE, D.C. Real analytic actions of SL(2, R) on a surface	3, 447
STRELCYN, J-M SEE LEDRAPPIER, F AND STRELCYN, J-M	2, 203
VAN STRIEN, S. J. See MARIENS, M., VAN STRIEN, S., DE MELO, W. AND MENDES, P.	7 415
SUCHESTON I See Arcocky M A AND SUCHESTON I	7,415
SULLIVAN D See AADONSON LAND SULLIVAN D	<i>A</i> 165
SULLIVAN D See Shire M and Sullivan D	<b>5</b> 285
SULLIVAN D.P. See GHVS F et al	5,200
SUTHERLAND C. E. On a construction of unitary cocycles and the representation theory	5, 527
of amenable groups	3 129
Swanson, R See Barge, M and Swanson, R	8, 509
SWANSON, R See ROSENBLATT, J AND SWANSON, R	3, 627
SZEWC, B The Perron-Frobenius operator in spaces of smooth functions on an interval	4, 613
TAKENS, F See BAMON, R, MALTA, I P, PACIFICO, M J AND TAKENS, F	4, 493
TANGERMAN, F See BROER, H W AND TANGERMAN, F M	6, 345
TANGERMAN, F See DEVANEY, R L AND TANGERMAN, F	6, 489
TANIGUCHI, M Examples of discrete groups of hyperbolic motions conservative but not	9 622
ergodic at infinity	1 405
THIMM, A Integrable geodesic nows on nonlogeneous spaces	7 611
THOMAS, K F Entropy of expansive nows	9 403
Tocawa V A modulus of 3-dimensional vector fields	7 295
DE LA TORRE See MARTIN-REVES E L'AND DE LA TORRE A	10 141
TROW P Resolving mans which commute with a power of the shift	6. 281
TUNCEL S Markov measures determine the zeta function	7, 303
TUNCEL S Subsystem, Perron numbers, and continuous homomorphisms of Bernoulli	,
shifts	9, 561
TUNCEL, S See BOYLE, M AND TUNCEL, S	10.89
TUNCEL, S See PARRY, W AND TUNCEL, S	1, 303

URBANSKI, M On Hausdorff dimension of invariant sets for expanding maps of a circle	6. 295
URBAŃSKI, M Invariant subsets of expanding mappings of the circle	7. 647
URBANSKI, M See BEDFORD, T AND URBANSKI, M	10, 627
, , , ,	,
VEECH, W A Periodic points and invariant pseudomeasures for toral endomorphisms	6, 449
VEECH, W A Boshernitzan's criterion for unique ergodicity of an interval exchange trans-	
formation	7, 149
VEGTER, G See BROER, H W AND VEGTER, G	4, 509
VERSHIK, A M Vladimir Abramovich Rokhlin-A biographical tribute (238.919-	
3 12 1984)	9, 629
VIANA, M See DIAZ, L J AND VIANA, M	9, 403
VOICULESCU, D Almost inductive limit automorphisms and embeddings into AF-algebras	6, 475
WACKER, U On non-additive processes	5, 291
WAGONER, J B Realising symmetries of a shift	8, 459
WALCZAK, P G Dynamics of the geodesic flow of a foliation	8, 637
WANG, X The C*-algebras of Morse-Smale flows on two-manifolds	10, 565
WARD, T See LIND, D A AND WARD, T	8, 411
WEISS, B On the work of V A Rokhlin in ergodic theory	9, 619
WEISS, B See CONNES, A et al	1, 431
WEISS, B See GLASNER, S AND WEISS, B	1, 151
WEISS, B See ORNSTEIN, D AND WEISS, B	4, 105
WEISS, H Non-smooth geodesic flows and the earthquake flow on Teichmuller space	9, 571
WEISS, H The geometry of measured geodesic laminations and measured train tracks	9, 587
WILLIAMS, R F Lorenz knots are prime	4, 147
WILLIAMS, S A sofic system which is not spectrally of finite type	8, 483
WILLMS, J Asymptotic behaviour of iterated piecewise monotone maps	8, 111
WILSON, G The modified Lax and two-dimensional Toda lattice equations associated with	
simple Lie algebras	1, 361
WITHERS, WM D Differentiability with respect to parameters of average values in prob-	
abilistic contracting dynamical systems	10, 599
WOJTKOWSKI, M On the ergodic properties of piecewise linear perturbations of the twist	,
map	2, 525
WOJTKOWSKI, M Invariant families of cones and Lyapunov exponents	5, 145
WOJTKOWSKI, M Measure theoretic entropy of the system of hard spheres	8, 133
WOJTKOWSKI, M See Cornelis, E and Wojtkowski, M	
WOODS, E J See CONNES, A AND WOODS, E J	5, 203
VAN DER WOUDE, J See Auslander, J and van der Woude, J	1, 389
VAN DER WOUDE, J C S P See AUSLANDER, J, MCMAHON, D C, VAN DER WOUDE,	
J C S P AND WU, T-S	4, 323
WU, T-S See AUSLANDER, J, MCMAHON, D C, VAN DER WOUDE, J C S P AND WU,	
T -S	4, 323
YOMDIN, Y A quantitive version of the Kupka-Smale theorem	5, 449
YORKE, J.A. See ALEXANDER, J.C. AND YORKE, J.A.	4, 1
YORKE, J A See GREBOGI, C et al	5, 341
YORKE, J.A. See KAPLAN, J.L., MALLETT-PARET, J. AND YORKE, J.A.	4, 261
YOUNG, L-S Capacity of attractors	1, 381
YOUNG, L-S Dimension, entropy and Lyapunov exponents	2, 109
YOUNG, L-S Stochastic stability of hyperbolic attractors	6, 311
YOUNG, L-S Random perturbations of matrix cocycles	6, 627
YUZVINSKY, S Rokhlin's School in ergodic theory	<b>9</b> , 609
ZEHNDER, E. See Rybakowski, K. P. and Zehnder, E.	5, 123
ZIEMIAN, K Almost sure invariance principle for some maps of an interval	5, 625
ZILLER, W Geometry of the Katok examples	3, 135
ZIMMER, R J Orbit equivalence and rigidity of ergodic actions of Lie groups	1, 237

Zimmer, R J	Equivariant images of projective space under the action of $SL(n, \mathbb{Z})$	1, 519
Zimmer, R J	Actions of lattices in semisimple groups preserving a G-structure of finite type	5, 301
Zimmer, R J	On connection-preserving actions of discrete linear groups	<b>6</b> , 639
ZSIDO, L See	Elliott, G A and Zsido, L	4, 187

Book Reviews 8, 327, 9, 399, 10, 407, 611