

Contents

<u>Roy L. Adler:</u> F-expansions revisited	1
<u>Joseph Auslander:</u> Non-compact dynamical systems	6
<u>Louis Auslander:</u> Ergodic G-induced flows on compact solvmanifolds	12
<u>Prem N. Bajaj:</u> Products of semi-dynamical systems	23
<u>Anatole Beck:</u> Uniqueness of flow solutions of differential equations	30
<u>Rufus Bowen:</u> Symbolic dynamics for hyperbolic systems	51
<u>James R. Brown:</u> Monothetic automorphisms of a compact abelian group	59
<u>Hsin Chu:</u> On the embedding problem and the Hilbert-Smith conjecture	78
<u>Robert Ellis:</u> A group associated with an extension	86
<u>Harry Furstenberg:</u> The unique ergodicity of the horocycle flow	95
<u>L. Wayne Goodwyn:</u> How should we define topological entropy ?	116
<u>Walter Gottschalk:</u> Some general dynamical notions	120
<u>Leon W. Green:</u> Group-like decompositions of Riemannian bundles	126
<u>Otomar Hajek:</u> Non-minimality of 3-manifolds	140
<u>Shizuo Kakutani:</u> Examples of ergodic measure preserving transformations which are weakly mixing but not strongly mixing	143
<u>Joseph F. Kent:</u> Locally connected almost periodic minimal sets	150

<u>Harvey B. Keynes and Dan Newton:</u> Choquet theory and ergodic measures for compact group extensions	167
<u>Ping-Fun Lam:</u> The intermediate transformation groups	174
<u>Wayne Lawton:</u> The structure of compact connected groups which admit an expansive automorphism	182
<u>Nelson G. Markley:</u> Characteristic sequences	197
<u>D. McMahon and T. S. Wu:</u> Relative equicontinuity and its variations	201
<u>John C. Oxtoby:</u> Approximation by measure-preserving homeomorphisms	206
<u>William Parry:</u> Class properties of dynamical systems	218
<u>Karl Petersen:</u> Spectra of induced transformations	226
<u>F. Rhodes:</u> Asymptotic cycles for discontinuous flows	231
<u>Richard Sacksteder:</u> Abelian semi-groups of expanding maps	235
<u>Leonard Shapiro:</u> Irregularities of distribution in dynamical systems	249
<u>William A. Veech:</u> Minimal sets and Souslin sets	253
<u>Peter Walters:</u> Some results on the classification of non-invertible measure-preserving transformations	266
<u>Benjamin Weiss:</u> Groups of measure preserving transformations	277
<u>R. F. Williams:</u> Classification of subshifts of finite type	281