

MONDAY 30.6.

MORNING SESSION: CHAIRMAN: J. YORKE

9.10 - 10.00 H. FURSTENBERG: Cocycles for ergodic actions of semi-simple Lie groups I

10.30 - 11.20 R. ADLER: ~~Cross section maps for gradient flows~~
Engineering applications of dynamical systems.

11.30 - 12.20 B. WEISS:

AFTERNOON SESSION: H. DENKER

4.30 - 5.20 J. FELDMAN: Various kinds of equivalence of group actions II.

5.30 - 6.20 G. MACKEY: The scope and origins of Ergodic Theory II.

TUESDAY 1.7.

MORNING SESSION: CHAIRMAN: R. ADLER

9.10 - 10.00 ~~REES~~ A. KATOK

10.30 - 11.20 J. YORKE: Exactness: some theory and some applications

11.30 - 12.20 M. REES: Ergodicity of infinite volume ~~flows~~^{geodesic} flows.

AFTERNOON SESSION: J. AUSLANDER

4.30 - 5.20 H. FURSTENBERG: Cocycles for semi-simple Lie groups II.

5.30 - 6.20 D. RUELLE: Characteristic exponents, stable and unstable manifolds.

WEDNESDAY 2.7.

MORNING SESSION: CHAIRMAN B. MARCUS.

9.10 - 10.00 M. KEANE: Continuous homomorphism of Bernoulli schemes.

10.30 - 11.20 W. SZLENK: Absolutely continuous invariant measures for conformal mappings

11.30 - 12.20 J.C. YOCCOZ: Uncountable spectrum for diffeomorphism of the circle.

AFTERNOON SESSION: CHAIRMAN: K. JACOBS

4.30 - 5.20 B. MARCUS: Topological conjugacy of horocycle flows.

5.30 - 6.20 DISCUSSION SESSION.

THURSDAY 3.7.

MORNING SESSION: CHAIRMAN W. PARRY.

9.10 - 10.00 A. DEL JUNCO: Finitary coding of one-sided Bernoulli shifts

10.30 - 11.20 M. SMORODINSKY: Some problems in finitary isomorphism theory

11.30 - 12.20 M. GERBER: Smooth models of pseudo-Anosov maps.

AFTERNOON: EXCURSION

FRIDAY 4.7.

MORNING SESSION: W. KRIEGER (CHAIRMAN)

9.10-10.00 P. ARNOUX: Interval exchange transformations

10.30-11.20 L. FLATTO: Cross-section maps for geodesic flows.

11.30-12.20 G. KELLER: Piecewise expanding maps of the square

AFTERNOON SESSION: F. LEDRAPPIER (CHAIRMAN)

4.30-5.20 M. RATNER: Horocycle flows

5.30-6.20 W. KRIEGER:

SATURDAY 5.7.

OPPORTUNITY FOR PRIVATE DISCUSSION GROUPS.