

September 15, MONDAY

9.00 opening

1st morning session

Chair: Ludwig Reich

9.25-9.50 Boris Gurevich, *On suspension flows over countable alphabet topological Markovchains*

9.50-10.15 Henrique Oliveira, *High degeneracy bifurcations of non-autonomous periodic iterations*

10.15-10.45 Coffee Break

2nd morning session

Chair: Janusz Matkowski

10.45-11.10 Justyna Jarczyk, *Parametrized means and their Gauss compositions*

11.10-11.35 Rafał Kapica, *Iterates of random-valued functions and Markov operators*

11.35-12.00 Paweł Pasteczka, *Scales of quasi-arithmetic means determined by invariance properties*

13.00 Lunch

1st afternoon session

Chair: Francisco Balibrea

15.30-15.55 Weinian Zhang, *Some advances on linearization*

15.55-16.20 Andrey Nuyatov, *Interpolation problem in the kernel of the convolution with nodes the specified in the corner*

16.20-16.50 Coffee Break

2nd afternoon session

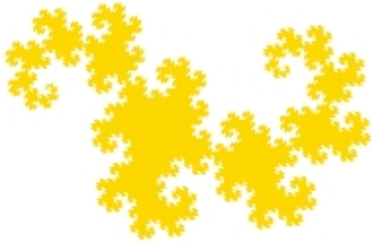
Chair: Joachim Domsta

16.50-17.15 Janusz Morawiec, *L^p -solutions of inhomogeneous refinement type equations*

17.15-17.40 Grzegorz Guzik, *Asymptotic stability of cocycles*

17.40-18.05 Problems & Remarks

18.30 Dinner



September 16, TUESDAY

1st morning session

Chair: Marta Štefánková

- 9.00-9.25 Jaroslav Smítal, *Chaotic maps generating big sets of probability distribution functions*
9.25-9.50 Jana Doleželová, *Distributional chaos via semiconjugacy*
9.50-10.15 Peter Raith, *Stability of the distribution function for piecewise monotonic interval maps*

10.15-10.45 Coffee Break

2nd morning session

Chair: Lyudmila Efremova

- 10.45-11.10 Cristina Serpa, *Non-uniqueness and exotic solutions of conjugacy equations*
11.10-11.35 Janusz Matkowski, *Homographic commuting functions*
11.35-12.00 Dorota Głazowska, *Commuting real homographic functions*

13.00 Lunch

1st afternoon session

Chair: Marek Cezary Zdun

- 15.30-15.55 Ludwig Reich, *Generalized Aczél-Jabotinsky differential equations and their role in iteration theory*
15.55-16.20 Barbara Przebieracz, *Approximate solutions to the translation equation*

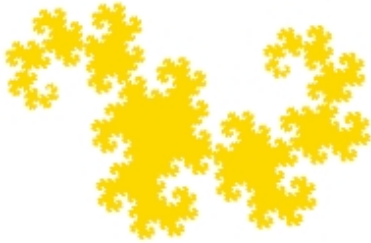
16.20-16.50 Coffee Break

2nd afternoon session

Chair: Jaroslav Smítal

- 16.50-17.15 Marta Štefánková, *Inheriting of chaos in nonautonomous dynamical systems*
17.15-17.40 Elena Makhrova, *The structure of dendrites admitting the existence of an arc horseshoe*
17.40-18.05 Problems & Remarks

19.00 Barbeque



September 17, WEDNESDAY

1st morning session

Chair: Boris Gurevich

9.00-9.25 Alexander Sharkovsky, *On solutions of the functional equations $x(f(x(t))) = g(x(t))$*

9.25-9.50 Jacek Chudziak, *A composite functional equation related to conjugation of some families of transformations*

9.50-10.20 Coffee Break

2nd morning session

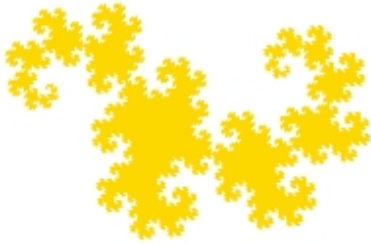
Chair: Wolfgang Förg-Rob

10.20-10.45 Marek Cezary Zdun, *On convex iteration semigroups*

10.45-11.10 Dorota Krassowska, *Embeddability of homeomorphisms of the circle in set-valued iteration groups*

12.00 Lunch

13.15 Departure for excursion



September 18, THURSDAY

1st morning session

Chair: Weinian Zhang

- 9.00-9.25 Witold Jarczyk, *Iterative roots of piecewise monotonic functions of nonmonotonicity height not less than 2 revisited*
- 9.25-9.50 Liu Liu, *Non-monotonic iterative roots extended from characteristic intervals*
- 9.50-10.15 Veerapazham Murugan, *Existence of iterative roots for a class of piecewise monotone continuous functions*
- 10.15-10.45 Coffee Break

2nd morning session

Chair: Alexander Sharkovsky

- 10.45-11.10 Lyudmila Efremova, *From the concept of integrability to skew products and trace maps*
- 11.10-11.35 Svetlana Bel'mesova, *Sharkovsky problems of one trace map*
- 11.35-12.00 Francisco Balibrea, *Some new results on the dynamics of the Thue-Morse system of difference equations*

13.00 Lunch

1st afternoon session

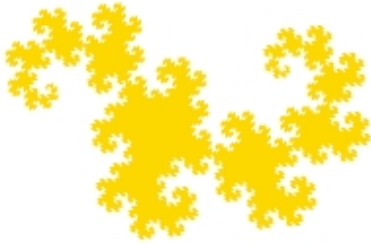
Chair: Zbigniew Leśniak

- 15.30-15.55 Hideaki Izumi, *Formal solutions of iterative functional equations*
- 15.55-16.20 Zhiheng Yu, *Discussion on polynomials having polynomial iterative roots*
- 16.20-16.50 Coffee Break

2nd afternoon session

Chair: Rafał Kapica

- 16.50-17.15 Paweł Solarz, *Embeddings of diffeomorphisms of the plane in regular iteration semigroups*
- 17.15-17.40 Peter Stadler, *Curve shortening by short rules*
- 18.30 Banquet



September 19, FRIDAY

1st morning session

Chair: Henrique Oliveira

9.00-9.25 Valery Oseledets, *Remarks on the quantum Markovian states*

9.25-9.50 Joachim Domsta, *Unitary semi-stochastic matrices*

9.50-10.15 Problems & Remarks

10.15-10.45 Coffee Break

2nd morning session

Chair: Valery Oseledets

10.45-11.10 Natalia Klinshpont, *Some properties of singular hyperbolic and Lorenz-type attractors*

11.10-11.35 El-Sayed El-Hady, *On the singularities of the unknowns of a two-place functional equation arising from a network model*

11.35-12.00 Oleg Garasym, *Application of nonlinear dynamics to chaotic PRNG design*

13.00 Lunch

1st afternoon session

Chair: Janusz Morawiec

15.30-15.55 Petra Augustova, *On some generalization of flows*

15.55-16.20 Zbigniew Leśniak, *On strongly irregular points of a Brouwer homeomorphism embeddable in a flow*

16.20-16.50 Coffee Break

2nd afternoon session

Chair: Detlef Gronau

16.50-17.15 Wojciech Jabłoński, *Algebraic operators and Hamel bases*

17.15-17.40 Łukasz Sadowski, *Takagi function as a unique solution of some functional equations*

17.40-18.05 Problems & Remarks

18.05 Closing

18.30 Dinner