

D: Session: Dynamical Systems

Room 305

Monday, February 20

Morning

Chair: Nguyen Huu Du (VIASM)

- 10h – 10:40 Uijin Jung (Ajou Univ.)
D1 *Constructions of expansive topological dynamical systems with uncountably many topologically transitive components*
- 10:40 – 10:50 Break
- 10:50 – 11:30 Ngo Thoi Nhan (Hue Coll. Economics)
D2 *Lightening the assumption for Pontryagin principles in infinite horizon and discrete time*

Afternoon

Chair: Vu Hoang Linh (Hanoi Univ. Sci.)

- 15:15 – 15:55 Jisang Yoo (Seoul Nati. Univ.)
D3 *Decomposition of factor codes*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Nguyen Ngoc Thach (Chungnam Nati. Univ.)
D4 *Weak expansive measures for flows*
- 16:25 – 16:45 Junmi Park (Mokwon Univ.)
D5 *Hyperbolicity of a type of limit shadowing*
- 16:45 – 17:05 Break
- 17:05 – 17:25 Seunghee Lee (NIMS)
D6 *Transitive sets of discrete dynamical systems*
- 17:25 – 17:45 Bowon Kang (Chungnam Nati. Univ.)
D7 *Entropy of continuous maps with shadowing properties*

Tuesday, February 21

Morning

Chair: Soon-Mo Jung (Hongik Univ.)

- 9:35 – 10:15 Namjip Koo (Chungnam Nati. Univ.)
D8 *Converse Lyapunov theorems via impulsive variational systems*
- 10:15 – 10:25 Break
- 10:25 – 11:05 Young Woo Nam (Hongik Univ.)
D9 *Shadowing properties in the Julia set of one dimensional expanding maps*
- 11:05 – 11:25 Break
- 11:25 – 11:45 Sang Hoon Lee (Chungnam Nati. Univ.)
D10 *Lifting problem for commuting subnormals*
- 11:45 – 12:05 Jumi Oh (Sungkyunkwan Univ.)
D11 *Measure expansiveness of semiflows with positive entropy*

Afternoon

Chair: Do Yong Kwon (Chonnam Nati. Univ.)

- 15:15 – 15:55 Sangtae Jeong (Inha Univ.)
D12 *Measure-preservation criteria for a certain class of 1-Lipschitz functions on \mathbb{Z}_p in Mahler's expansion*
- 15:55 – 16:05 Break
- 16:05 – 16:45 Soonjo Hong (NIMS)
D13 *Transformatio of Gibbs measures*
- 16:45 – 17:05 Break
- 17:05 – 17:25 Huynh Minh Hien (Quy Nhon Univ.)
D14 *Partner orbits and action differences on compact factors of the hyperbolic plane*
- 17:25 – 17:45 Jiweon Ahn (Chungnam Nati. Univ.)
D15 *Topological stability of expansive measures*

Wednesday, February 22

Morning

Chair: Uijin Jung (Ajou Univ.)

9:35 – 10:15 Soon-Mo Jung (Hongik Univ.)

D16 *The linear differential equations with complex constant coefficients and Schroedinger equations*

10:15 – 10:25 Break

10:25 – 11:05 Do Yong Kwon (Chonnam Nati. Univ.)

D17 *Dynamics of β -transformations and unique expansions over ternary alphabets*

11:05 – 11:25 Break

11:25 – 12:05 Le Huy Tien (Hanoi Univ. Sci.)

D18 *Invariant manifolds for dynamic systems with dominated splitting*

Thursday, February 23

Morning

Chair: Soonjo Hong (NIMS)

- 9:35 – 10:15 Manseob Lee (Mokwon Univ.)
D19 *Lyapunov stable homoclinic classes with shadowing for flows*
- 10:15 – 10:25 Break
- 10:25 – 10:45 Ngo Thi Thanh Nga (Thang Long Univ.)
D20 *Bohl-Perron type stability theorems for linear singular difference equations.*
- 10:45 – 11:05 Sang Jin Kim (Chungnam Nati. Univ.)
D21 *Shadowing and Inverse shadowing in Group actions*
- 11:05 – 11:25 Break

Afternoon

Chair: Jisang Yoo (Seoul Nati. Univ.)

- 15:15 – 15:35 Le Duc Nhien (Hanoi Univ. Sci.)
D22 *On the topological entropy of nonautonomous systems*
- 15:35 – 15:55 Nguyen Thanh Dieu (Vinh Univ.)
D23 *Classification of asymptotic behavior of the stochastic SIR epidemic models*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Nguyen Duy Truong (Tran Quoc Tuan Univ.)
D24 *Numerical solution for a class of structured strangeness-free differential-algebraic equations by linear multistep methods*
- 16:25 – 16:45 Le Anh Tuan (Hanoi Univ. Industry)
D25 *Stochastic dynamic delay equation on time scale*