

August 8 (Friday Afternoon)

Parallel Session VII-B (Lattice Dynamic Systems)

Location: Speech Room, 5F, Science Education Building

Chair: Koichiro Naito

- 15:10-15:35 Entropy and Recurrent Dimensions of Discrete Quasi-Periodic Dynamical Systems Given by p -Adic Expansions
Koichiro Naito (Graduate School of Science and Technology, Kumamoto University, Japan)
- 15:35-16:00 Shortest Vector Problems in p -Adic Lattices and Simultaneous Approximation Problems of p -Adic Numbers
Koichiro Naito (Graduate School of Science and Technology, Kumamoto University, Japan)
- 16:00-16:25 Transference Principle of Simultaneous Approximation Problems and Lll Algorithm of Multidimensional p -Adic Approximation Lattices
Schoichi Kamada (Graduated School of Science and Technology, Kumamoto university, Japan)
- 16:25-16:50 Inhomogeneous Simultaneous Approximations of p -Adic Numbers and Their Applications to Cryptography
Hirohito Inoue (Graduate School of Science and Technology, Kumamoto University, Japan)