数理解析研究所講究録1269

複素力学系とその関連分野の研究

京都大学数理解析研究所

2002年6月

Complex dynamics and related fields

(2001.10.9, 13:30 ~ 10.12, 16:20 at RIMS)

PROGRAM

October 9 (Tue)

13:30~14:30 Bergweiler, Walter (C.A.U. Kiel)
Critical points in parabolic basins

14:50~15:50 Tsujii, Masato (Hokkaido Univ.)
Skew product of one dimensional maps over expanding circle maps

16:05~17:05 Inou, Hiroyuki (Kyoto Univ.)
Surgery construction of renormalizable polynomials

October 10 (Wed)

9:30~10:30 Ushiki, Shigehiro (Kyoto Univ.)
Algebra of microfunctions and complex conformal measures on Julia sets

10:45~11:45 Bergweiler, Walter (C.A.U. Kiel)
Ahlfors theory and complex dynamics I

13:15~14:05 Taniguchi, Masahiko (Kyoto Univ.)
Deformation of a structurally finite entire function

14:15~15:05 Bergweiler, Walter (C.A.U. Kiel)
Morosawa, Shunsuke (Kochi Univ.)*
Semihyperbolic entire functions

15:25~16:10 Okuyama, Yusuke (Shizuoka Univ.)
On rotation domains and Cremer points of meromorphic functions

16:20~17:05 Shinohara, Tomoko (Kanazawa Univ.)
Local structure of homoclinic indeterminate point of Fatou mappings

October 11 (Thu)

9:30~10:30 Shishikura, Mitsuhiro (Kyoto Univ.)
Rigidity of quadratic polynomials

10:45~11:45 Bergweiler, Walter (C.A.U. Kiel)
Ahlfors theory and complex dynamics II

13:15~14:15 Keen, Linda (CUNY)
Period doubling for the tangent family

14:30～15:30 Cui, Guizhen (Academia Sinica)
Geometrically finite rational maps on the boundary of a hyperbolic component

15:50～16:20 Nakane, Shizuo (Tokyo Inst. Art)
Stretching rays for complex cubic polynomials

16:30～17:00 Uchimura, Keisuke (Tokai Univ.)
The sets of non-escaping points of generalized Chebyshev mappings

October 12 (Fri)

9:30～10:30 Oudkerk, Richard (Kyoto Univ.)
Towers and geometric convergence for rational maps

10:45～11:45 Yin, Yongcheng (Zhejiang Univ.)
Dynamics of critically non-recurrent maps

13:15～14:00 Jin, Teisuke (Tokyo Univ.)
Dynamics of Polynomial Automorphisms of $\mathbb{C}^2$: Herman Ring

14:15～15:00 Fujikawa, Ege (Tokyo Inst. Tech.)
Dynamics of modular groups acting on infinite dimensional Teichmüller spaces

15:20～16:20 Sumi, Hiroki (Tokyo Inst. Tech.)
Porosity of Julia sets of semi-hyperbolic fibered rational maps and rational semigroups

複素力学系とその関連分野の研究
Complex dynamics and related fields
研究集会報告集

２００１年１０月９日～１０月１２日

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