Dynamics of Complex Systems

DYNAMICS OF COMPLEX SYSTEMS
研究集会報告集

２００４年　１月２６日　～　１月３０日
研究代表者　由利　美智子　(Michiko Yuri)

講演者リスト

1. Yoji Aizawa (Waseda University)
   Long time tails and non-stationarity in chaotic dynamics

2. Vitaly Bergelson (Ohio State University)
   Ergodic theorems along polynomials

3. Manfred Denker (University of Göttingen)
   Aperiodicity of cocycles

4. Dmitry Dolgopyat (University of Maryland)
   Averaging in simple systems

5. Toshihiro Hamachi (Kyushu University)
   Semigroup presentations of subshifts

6. Huyi Hu (Michigan State University)
   Equilibriums of some non-Hölder potentials

7. H.Ishitani (Mie Univercity)
   Central limit theorems for the random iterations of 1-dim transformations

8. T.Kamae (Osaka City University)
   Numeration systems and stochastic analysis

9. N.Kataoka and Y.Takahashi (RIMS)
   Function Dynamics

10. Yuri Kifer (Hebrew University)
    Recent progress in averaging

11. Konstantin M. Khanin (Newton Institute for Mathematical Sciences)
    Rigidity Theory for Circle Diffeomorphisms with Singularities

12. M.Mori (Nihon University)
    Low discrepancy sequences generated by dynamical systems

13. H. Nakada (Keio University)
    Continued fraction mixing processes with barely infinite expectations

14. Masakazu Nasu (Hiroshima University)
    Expansive automorphisms and expansive endomorphisms of the shift
    (a survey)

15. Rie Natsui (Keio University)
    On the isomorphism problem for a 1-parameter family of infinite
    measure preserving transformations

16. Yakov B.Pesin (Pennsylvania State University)
    Is chaotic behavior typical among dynamical systems ?

17. Omri Sarig (Pennsylvania State University)
    Invariant Radon measures for horocycle flows on $Z^{\wedge}d$ covers

18. Domokos Szasz (Budapest University of Technology and Ecomonics)
    Excursions and Markov estimates of infinite horizon billiards

19. Ichiro Tsuda (Hokkaido University)
    What is a mechanism of chaotic itinerancy?

20. Michiko Yuri (Sapporo University)
    Weak Gibbs measures for Intermittent systems - subexponential instability
    and large deviations -

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