Real Analysis

September 24th (Tue)

9:00–12:05

1　Fumiaki Kohsaka　(Oita Univ.)[♯]　Saddle points of two variable functions and fixed points of nonlinear mappings · 15

2　Ryotaro Tanaka (Niigata Univ.)[♯]　Orthonormal bases for finite dimensional normed linear spaces · · · · · · · 10
　Kichi-Suke Saito (Niigata Univ.)

3　Ryotaro Tanaka (Niigata Univ.)[♯]　The norm structure of finite dimensional spaces · · · · · · · · · · · · · · · · · · · 15
　Kichi-Suke Saito (Niigata Univ.)

4　Yasunori Kimura　(Toho Univ.)[♯]　Convergence of approximate sequences generated by the shrinking projection method with errors · 15

5　Sachiko Atsushiba　　　　　[♯]　Attractive point and convergence theorems for families of nonlinear
　　　　　(Univ. of Yamanashi)　mappings · 15

6　Yasuji Takahashi　　　　　[*]　On a new geometric constant of a Banach space · · · · · · · · · · · · · · · · · · 15
　　　　　(Okayama Pref. Univ.[★])
　Mikio Kato　　(Shinshu Univ.)

7　Yasuyuki Oka　　　　　　[♯]　The Schwartz kernel theorem for the tempered distributions on the
　　　　　(Kushiro Nat. Coll. of Tech.)　Heisenberg group · 15

8　Machihara Shuji (Saitama Univ.)[♯]　Logarithmic Hardy inequalities on Sobolev–Lorentz–Zygmund spaces in
　Tohru Ozawa　(Waseda Univ.)　the limiting case · 20
　Hidemitsu Wadade (Gifu Univ.)

9　Takanori Yamamoto　　　　[*]　Normal singular integral operators with Cauchy kernel on L^2 · · · · · · · · 15
　　　　　(Hokkai-Gakuen Univ.)
　Takahiko Nakazi
　　　　　(Hokusei Gakuen Univ.)

10　Toshikazu Watanabe (Niigata Univ.)[♯]　Note on the regularity of non-additive meaure · 15

11　Jun Kawabe　　(Shinshu Univ.)[♯]　The Choquet integral representation problem · 15

14:20–16:15

12　Gaku Sadasue (Osaka Kyoiku Univ.)[♯]　Pointwise multipliers on martingale Campanato spaces · · · · · · · · · · · · · · 15
　Eiichi Nakai　　(Ibaraki Univ.)

13　Gaku Sadasue (Osaka Kyoiku Univ.)[♯]　Maximal function on generalized martingale Lebesgue spaces with variable exponent · 10
　Eiichi Nakai　　(Ibaraki Univ.)

14　Aoi Honda (Kyushu Inst. of Tech.)[♯]　Doubling dimension and Linearity of the sequence space $\Lambda_2(f)$ · · · · · · · 15
　Yoshiaki Okazaki
　　　　　(Kyushu Inst. of Tech.)
　Hiroshi Sato　(Kyushu Univ.[★])

15　Yoshihiro Sawano (Tokyo Metro. Univ.)[♯]　A remark on Morrey spaces for metric measure spaces · · · · · · · · · · · · · · 10
　Tetsu Shimomura (Hiroshima Univ.)

16　Katsuo Matsuoka (Nihon Univ.)[♯]　On the boundedness for commutators in B_σ-Morrey spaces · · · · · · · · · · 15

17 Hiroki Saito (Tokyo Metro. Univ.)[♯]   Directional maximal operators and radial weights on the plane · · · · · · · 10
    Hitoshi Tanaka (Univ. of Tokyo)

18 Hitoshi Tanaka (Univ. of Tokyo)[♯]   A characterization of two-weight trace inequalities for positive dyadic
    operators in the upper triangle case · 15

19 Yuichi Kanjin (Kanazawa Univ.)[♯]   On orthogonal polynomial expansions with nonnegative Fourier coeffi-
    cients · 15

16:30–17:30   Talk invited by Real Analysis Section

Shinya Moritoh (Nara Women's Univ.)[*]   Microlocal Besov spaces and dominating mixed smoothness

September 25th (Wed)

9:00–11:55

20 Akio Ito   (Kinki Univ.)[♯]   Large-time behavior of non-negative time-global solutions to ODE sys-
    Kazuhiko Yamamoto (Kinki Univ.)   tem describing cardiac hypertrophy · 15

21 Kota Kumazaki   [♯]   Large time behavior of a solution for carbon dioxide transport model
    (Tomakomai Nat. Coll. of Tech.)   in concrete carbonation process · 15

22 Takesi Fukao (Kyoto Univ. of Edu.)[♯]   Application to nonlinear PDE of the abstract theory of variational
    Nobuyuki Kenmochi (Bukkyo Univ.)   inequality · 15

23 Yutaka Tsuzuki (Tokyo Univ. of Sci.)[♯]   Solvability of p-Laplace heat equations with unbounded obstacles cou-
    pled with Navier–Stokes equations · 15

24 Shun Uchida   (Waseda Univ.)[♯]   The solvability of double-diffusive convection system coupled with
    Mitsuharu Ôtani (Waseda Univ.)   Brinkman–Forchheimer equations under the Neumann boundary con-
    dition · 15

25 Ken Shirakawa   (Chiba Univ.)[♯]   Smoothing effects and energy disspations for parabolic systems associ-
    Hiroshi Watanabe (Salesian Polytech.)   ated with grain boundary motions · 15
    Jose Salvador Moll (Univ. Valencia)

26 Hiroshi Watanabe (Salesian Polytech.)[♯]   Qualitative properties for a one dimensional grain boundary motion
    Ken Shirakawa   (Chiba Univ.)   model with degeneracy · 15

27 Noriaki Yamazaki (Kanagawa Univ.)[♯]   Control problems of phase field systems associated with total variation
    Ken Shirakawa   (Chiba Univ.)   energy · 15

28 Makoto Nakamura (Yamagata Univ.)[*]   The Cauchy problem for nonlinear Klein–Gordon equations in de Sitter
    spacetime · 10

29 Makoto Nakamura (Yamagata Univ.)[*]   Remarks on a weighted energy estimate and its application to nonlinear
    wave equations in one space dimension · 10

30 Yoshifumi Ito (Univ. of Tokushima[⋆])[♯]   Fourier transformation of L^2_{loc}-functions and its applications · · · · · · · · · 8

31 Yoshifumi Ito (Univ. of Tokushima[⋆])[♯]   What is the impact force? · 7

13:00–13:15

32 Yoshifumi Ito (Univ. of Tokushima[⋆])[♯]   The study on the phenomena of infinitely deep potential well in the
    view point of the natural statistical physics · 8

33 Yoshifumi Ito (Univ. of Tokushima[⋆])   The study on the motion of the system of free particles in the view
    point of the natural statistical physics · 7

13:20–14:20   Talk invited by Real Analysis Section

Risei Kano   (Kochi Univ.)[♯]   The existence of solutions for the tumor invasion models