※講演者名の右についている♯や∗等のマークは講演方法 (♯: PC, ∗: 書画カメラ) を示すもので, 登壇者を示すものではありません. また共同発表の場合, 講演者名の順序は講演申し込み時に入力された順序であり, 必ずしも筆頭者が登壇者であることを意味しません.

函　数　方　程　式　論

3月15日(土)　　第V会場

9:00〜12:00

05-01-0036
1　片　方　　江 (一 関 工 高 専)♯　Configurations of equilibrium points in complex differential equations and the Euler–Jacobi formula ····· 10

Koh Katagata ♯ (Ichinoseki Nat. Coll. of Tech.)　Configurations of equilibrium points in complex differential equations and the Euler–Jacobi formula

05-01-0047
2　泉　　英　明 (千葉工大情報)♯　Translative mean に付随する関数方程式の解析解 ····· 10
J. Matkowski (Univ. of Zielona Góra)

Hideaki Izumi (千葉工大情報)♯
Janusz Matkowski (Univ. of Zielona Góra)　Analytic solutions of functional equations associated to translative means

05-01-0066
3　赤　岩　香　苗 (京　大　情　報)♯　商差法の漸化式に関する漸近的な振る舞いについて ····· 12
岩　﨑　雅　史 (京都府大生命環境)
近　藤　弘　一 (同志社大理工)

Kanae Akaiwa (Kyoto Univ.)♯
Masashi Iwasaki (Kyoto Pref. Univ.)
Koichi Kondo (Doshisha Univ.)　On the asymptotic behavior in the recurrence relation of the quotient-difference method

05-01-0058
4　高　橋　甫　宗 (近畿大総合理工)♯　On the WKB theoretic structure of a Schrödinger operator with a Stokes curve of loop type ····· 12

Toshinori Takahashi (Kinki Univ.)♯　On the WKB theoretic structure of a Schrödinger operator with a Stokes curve of loop type

05-01-0062
5　反　田　美　香 (近畿大総合理工)♯　超幾何微分方程式における alien derivative ····· 12

Mika Tanda (Kinki Univ.)♯　Alien derivatives for the Gauss hypergeometric differential equation

05-01-0046
6　後　藤　良　彰 (北　　大　　理)♯　Monodromy representation of Lauricella's hypergeometric function F_C ····· 12

Yoshiaki Goto (Hokkaido Univ.)♯　Monodromy representation of Lauricella's hypergeometric function F_C

05-01-0029
7　齋　藤　誠　慈 (同志社大理工)♯　周期的常微分方程式および周期的差分方程式の一様漸近有界性について ····· 12

Seiji Saito (Doshisha Univ.)♯　On uniformly asymptotic boundedness of periodic difference equations

05-01-0061
8　江　夏　洋　一 (東　大　数　理)♯　感染症モデルを含む遅延微分方程式系における平衡解の漸近安定性について ····· 12

Yoichi Enatsu (Univ. of Tokyo)♯　Asymptotic stability of equilibria of compartmental epidemic models with delays

2013/12/25 15:09 作成

05-01-0023
9 杉江実郎 (島根大総合理工)♯ 減衰線形振動子の一様漸近安定性に対する離散的条件 ····· 12
鬼塚政一 (岡山理大理)
Jitsuro Sugie (Shimane Univ.)♯ Discrete condition for uniform asymptotic stability of damped linear oscillators
Masakazu Onitsuka (Okayama Univ. of Sci.)

05-01-0001
10 柴田徹太郎 (広島大工)♯ S-shaped bifurcation curve for semilinear two-parameter problems ···· 12
Tetsutaro Shibata (Hiroshima Univ.)♯ S-shaped bifurcation curve for semilinear two-parameter problems

05-01-0024
11 梶木屋龍治 (佐賀大理工)♯ 一般化された Hénon 方程式の 3 つの正値解の存在 ····· 12
Ryuji Kajikiya (Saga Univ.)♯ Existence of three positive solutions for the generalized Hénon equation

05-99-0001
12 西本勝之 (デカルト出版)* The solutions to the homogeneous Bessel equations by means of the N-fractional calculus (The calculus in the 21 th century) (Again) ····· 6
Katsuyuki Nishimoto (Descartes Press Co.)* The solutions to the homogeneous Bessel equations by means of the N-fractional calculus (The calculus in the 21 th century) (Again)

05-99-0002
13 西本勝之 (デカルト出版)* The solutions to the nonhomogeneous Bessel equations by means of the N-fractional calculus operator ····· 6
Katsuyuki Nishimoto (Descartes Press Co.)* The solutions to the nonhomogeneous Bessel equations by means of the N-fractional calculus operator

14:15〜16:30

05-01-0002
14 一ノ瀬弥 (信州大理)♯ Schrödinger 方程式と Dirac 方程式の解の、パラメーターに関する連続性と微分可能性 ····· 12
Wataru Ichinose (Shinshu Univ.)♯ The continuity and the differentiability of solutions on parameters to the Schrödinger equations and the Dirac equations

05-01-0003
15 一ノ瀬弥 (信州大理)♯ Dirac 方程式に対する Feynman 経路積分の構成について ····· 12
Wataru Ichinose (Shinshu Univ.)♯ On the construction of the Feynman path integral for the Dirac equation

05-01-0020
16 望月清 (首都大*・中大理工)♯ 2 次元外部領域における磁場付き Schrödinger 作用素に対する一様リゾルベント評価 ····· 12
中澤秀夫 (日本医大)
Kiyoshi Mochizuki (首都大*/Chuo Univ.)♯ Uniform resolvent estimates for magnetic Schrödinger operators in 2D exterior domain
Hideo Nakazawa (日本医大)

05-01-0068
17 廣澤史彦 (山口大理)♯ On second order weakly hyperbolic equations and the ultradifferentiable classes ····· 12
石田晴久 (電通大)
Fumihiko Hirosawa (Yamaguchi Univ.)♯ On second order weakly hyperbolic equations and the ultradifferentiable classes
Haruhisa Ishida (Univ. of Electro-Comm.)

05-01-0013
18 佐野めぐみ (阪市大理)♯ A mean value property for polycaloric functions ····· 12
Megumi Sano (Osaka City Univ.)♯ A mean value property for polycaloric functions

05-01-0054
19 坂田繁洋 (首都大東京理工)♯ Poisson 方程式の解の最大点と体の心臓 ····· 12
Shigehiro Sakata (Tokyo Metro. Univ.)♯ Maximizers of the solution of Poisson's equation and the heart of a body

05-01-0011
20 岡本葵 (京大理)♯ 空間 1 次元 Chern–Simons–Dirac 方程式の臨界空間および超臨界空間における適切性 ····· 12
町原秀二 (埼玉大教育)
Mamoru Okamoto (Kyoto Univ.)♯ Well-posedness for the one dimensional Chern–Simons–Dirac system in critical and supercritical regularity spaces
Shuji Machihara (Saitama Univ.)

05-01-0017
21　平山浩之 (名大多元数理)♯　Well-posedness for a system of quadratic derivative nonlinear Schrödinger equations on torus at the scaling critical regularity ····· 10
Hiroyuki Hirayama (Nagoya Univ.)♯　Well-posedness for a system of quadratic derivative nonlinear Schrödinger equations on torus at the scaling critical regularity

05-01-0067
22　加藤勲 (名大多元数理)♯　Global well-posedness of Zakharov system at the critical space in four and more spatial dimensions ····· 10
津川光太郎 (名大多元数理)
Isao Kato (Nagoya Univ.)♯　Global well-posedness of Zakharov system at the critical space in four and more spatial dimensions
Kotaro Tsugawa (Nagoya Univ.)

05-01-0056
23　朴成勇 (東北大理)*　Local well-posedness and blow-up result for weakly dissipative Camassa–Holm equation ····· 12
小川卓克 (東北大理)
Sungyong Park (Tohoku Univ.)*　Local well-posedness and blow-up result for weakly dissipative Camassa–Holm equation
Takayoshi Ogawa (Tohoku Univ.)

16:45～17:45　特別講演

05-02-0004
水谷治哉 (学習院大理)♯　変数係数シュレディンガー方程式に対するストリッカーツ評価について
Haruya Mizutani (Gakushuin Univ.)♯　On Strichartz estimates for Schrödinger equations with variable coefficients

3月16日(日)　第V会場

9:00～12:00

05-01-0026
24　藤原和将 (早大理工)♯　半相対論的連立方程式系の時間大域可解性 ····· 12
町原秀二 (埼玉大教育)
小澤徹 (早大理工)
Kazumasa Fujiwara (Waseda Univ.)♯　Global well-posedness of the Cauchy problem for a semirelativistic system
Shuji Machihara (Saitama Univ.)
Tohru Ozawa (Waseda Univ.)

05-01-0005
25　星埜岳 (早大理工)♯　Analytic solutions to nonlinear Schrödinger equation ····· 12
小澤徹 (早大理工)
Gaku Hoshino (Waseda Univ.)♯　Analytic solutions to nonlinear Schrödinger equation
Tohru Ozawa (Waseda Univ.)

05-01-0033
26　山崎陽平 (京大理)*　非線形 Schrödinger 方程式の横方向不安定性と分岐点の安定性 ····· 10
Yohei Yamazaki (Kyoto Univ.)*　Transverse instability of a nonlinear Schrödinger equation and the stability of a bifurcation point

05-01-0063
27　瓜屋航太 (東北大理)*　2 次の非線形 Schrödinger 方程式系に対する終値問題 ····· 10
小川卓克 (東北大理)
Kota Uriya (Tohoku Univ.)*　Final state problem for a system of quadratic nonlinear Schrödinger equations
Takayoshi Ogawa (Tohoku Univ.)

05-01-0037
28　鈴木敏行 (東京理大理)♯　Blowup for Hartree type equations with inverse-square potentials ···· 12
Toshiyuki Suzuki (Tokyo Univ. of Sci.)♯　Blowup for Hartree type equations with inverse-square potentials

05-01-0048
29　戎亥隆恭 (京大理)♯　非線形 Klein–Gordon 方程式における複素数値解の分類について ····· 10
Takahisa Inui (Kyoto Univ.)♯　Classification of complex valued solutions for the nonlinear Klein–Gordon equation

05-01-0010
30　若杉勇太 (阪大理)*　On diffusion phenomena for the linear wave equation with space-dependent damping ····· 10
Yuta Wakasugi (Osaka Univ.)*　On diffusion phenomena for the linear wave equation with space-dependent damping

05-01-0012
31 小野公輔 (徳島大総合)* Global existence and decay estimates for mildly degenerate Kirchhoff type dissipative wave equations to the Cauchy problem ····· 12
Kosuke Ono (Univ. of Tokushima)* Global existence and decay estimates for mildly degenerate Kirchhoff type dissipative wave equations to the Cauchy problem

05-01-0022
32 渡辺朋成 (広島大理)* 時空間に非一様な消散項を持つ非線形波動方程式の大域解の存在と時間減衰評価 ····· 12
Tomonari Watanabe (Hiroshima Univ.)* Global existence and decay estimates for the nonlinear wave equations with space-time dependent dissipative term

05-01-0040
33 津田谷公利 * On the asymptotic behavior of solutions of the wave equation of Hartree type ····· 12
P. Karageorgis (Trinity Coll.)
Kimitoshi Tsutaya * On the asymptotic behavior of solutions of the wave equation of Hartree type
Paschalis Karageorgis (Trinity Coll.)

05-01-0069
34 廣澤史彦 (山口大理)♯ Some classes of non-analytic functions for the global solvability of Kirchhoff equation ····· 12
Fumihiko Hirosawa (Yamaguchi Univ.)♯ Some classes of non-analytic functions for the global solvability of Kirchhoff equation

05-01-0031
35 林仲夫 (阪大理)* Nonexistence of scattering states for the generalized Ostrovsky–Hunter equation ····· 10
Nakao Hayashi (Osaka Univ.)* Nonexistence of scattering states for the generalized Ostrovsky–Hunter equation

13:15〜14:15　2013年度 (第12回) 解析学賞受賞特別講演

05-02-0001
利根川吉廣 (北大理)♯ 平均曲率流の正則性理論について
Yoshihiro Tonegawa (Hokkaido Univ.)♯ On the regularity theory for mean curvature flow

3月17日(月)　第V会場

9:00〜12:00

05-01-0007
36 梅田典晃 (明大理工)♯ On vanishing at space infinity for semilinear heat equation with absorption ····· 12
Noriaki Umeda (Meiji Univ.)♯ On vanishing at space infinity for semilinear heat equation with absorption

05-01-0004
37 國谷紀良 (東大数理)♯ 年齢変数を含む非線形偏微分方程式の漸近解析における不変性原理とリャプノフ汎函数の手法について ····· 12
Toshikazu Kuniya (Univ. of Tokyo)♯ Invariance principle and Lyapunov functional for the asymptotic analysis of nonlinear partial differential equations with age variable

05-01-0006
38 川中子正 (東工大理工)♯ The Hopf bifurcation theorem for semilinear equations ····· 12
Tadashi Kawanago (Tokyo Tech)♯ The Hopf bifurcation theorem for semilinear equations

05-01-0014
39 石田祥子 (東京理大理)♯ 非凸領域における準線形退化放物・放物型 Keller–Segel 系の解の有界性 ····· 12
関清隆 (東京理大理)
横田智巳 (東京理大理)
Sachiko Ishida (Tokyo Univ. of Sci.)♯ Boundedness of solutions to quasilinear degenerate Keller–Segel systems of parabolic-parabolic type on non-convex domains
Kiyotaka Seki (Tokyo Univ. of Sci.)
Tomomi Yokota (Tokyo Univ. of Sci.)

05-01-0018
40 藤江健太郎 (東京理大理)♯
横田智巳 (東京理大理)
増殖項とシグナル依存型感応性関数をもつ放物・楕円型 Keller–Segel 系の解の有界性 ····· 12

Kentarou Fujie (Tokyo Univ. of Sci.)♯
Tomomi Yokota (Tokyo Univ. of Sci.)
Boundedness of solutions to parabolic-elliptic Keller–Segel systems with growth term and signal-dependent sensitivity function

05-01-0034
41 隠居良行 (九大数理)♯
川上竜樹 (阪府大工)
杉山由恵 (九大数理)
Uniqueness theorem on weak solutions to the Keller–Segel system of degenerate and singular types ····· 12

Yoshiyuki Kagei (Kyushu Univ.)♯
Tatsuki Kawakami (Osaka Pref. Univ.)
Yoshie Sugiyama (Kyushu Univ.)
Uniqueness theorem on weak solutions to the Keller–Segel system of degenerate and singular types

05-01-0039
42 杉山由恵 (九大数理)♯
筒井容平
(早大基幹理工・阪市大数学研)
J. J. L. Velázquez (Univ. Bonn)
Global solutions to a chemotaxis system with non-diffusive memory ·· 12

Yoshie Sugiyama (Kyushu Univ.)♯
Youhei Tsutsui
(Waseda Univ. / Osaka City Univ.)
Juan J. L. Velázquez (Univ. Bonn)
Global solutions to a chemotaxis system with non-diffusive memory

05-01-0041
43 森田善久 (龍谷大理工)♯
鈴木貴 (阪大基礎工)
A reaction-diffusion system with mass conservation ····· 10

Yoshihisa Morita (Ryukoku Univ.)♯
Takashi Suzuki (Osaka Univ.)
A reaction-diffusion system with mass conservation

05-01-0060
44 坂口茂 (東北大情報)*
Fast diffusion and geometry of domain ····· 12

Shigeru Sakaguchi (Tohoku Univ.)*
Fast diffusion and geometry of domain

05-01-0015
45 生駒典久 (東北大理)*
G. M. Figueiredo
(Univ. Federal do Pará)
J. R. S. Junior
(Univ. Federal do Pará)
Singular perturbation problems for the Kirchhoff type equations with general nonlinearities ····· 12

Norihisa Ikoma (Tohoku Univ.)*
Giovany M. Figueiredo
(Univ. Federal do Pará)
João R. Santos Junior
(Univ. Federal do Pará)
Singular perturbation problems for the Kirchhoff type equations with general nonlinearities

05-01-0016
46 生駒典久 (東北大理)*
石井仁司 (早大教育)
Eigenvalue problems for fully nonlinear second-order elliptic PDE on balls ····· 12

Norihisa Ikoma (Tohoku Univ.)*
Hitoshi Ishii (Waseda Univ.)
Eigenvalue problems for fully nonlinear second-order elliptic PDE on balls

05-01-0032
47 内免大輔 (阪市大理)♯
The critical problem of Kirchhoff type elliptic equations in dimension four ····· 12

Daisuke Naimen (Osaka City Univ.)♯
The critical problem of Kirchhoff type elliptic equations in dimension four

05-01-0042
48 原宇信 (首都大東京理工)♯
強い特異性をもつ 1 階の項を伴う楕円型方程式の弱解の正則性評価について ····· 10

Takanobu Hara (Tokyo Metro. Univ.)♯
Regularity properties of weak solutions of second order elliptic equations with strongly singular drifts

14:15〜16:15

05-01-0019
49 久藤衡介 (電通大情報理工)♯　辻川亨 (宮崎大工)
Limiting structure of steady-states to the Lotka–Volterra competition model with large diffusion and advection ····· 12
Kousuke Kuto ♯ (Univ. of Electro-Comm.)
Tohru Tsujikawa (Univ. of Miyazaki)
Limiting structure of steady-states to the Lotka–Volterra competition model with large diffusion and advection

05-01-0027
50 梅津健一郎 (茨城大教育)*　H. R. Quoirin (Univ. de Santiago de Chile)
On *S*-shaped and *CS*-shaped bifurcation diagrams in population dynamics ····· 12
Kenichiro Umezu (Ibaraki Univ.)*
Humberto Ramos Quoirin (Univ. de Santiago de Chile)
On *S*-shaped and *CS*-shaped bifurcation diagrams in population dynamics

05-01-0008
51 宮本安人 (東大数理)♯
指数増大の非線形項を持つ Dirichlet 問題の正値球対称解の構造について ····· 12
Yasuhito Miyamoto (Univ. of Tokyo)♯
Structure of the positive radial solutions for elliptic equations with exponential growth

05-01-0009
52 足達慎二 (静岡大工)*　渡辺達也 (京都産大理)
Uniqueness and non-degeneracy of positive radial solutions for quasilinear elliptic equations with exponential nonlinearity ····· 12
Shinji Adachi (Shizuoka Univ.)*
Tatsuya Watanabe (Kyoto Sangyo Univ.)
Uniqueness and non-degeneracy of positive radial solutions for quasilinear elliptic equations with exponential nonlinearity

05-01-0064
53 F. Gladiali ♯ (Univ. degli Studi di Sassari)
M. Grossi (Univ. di Roma "La Sapienza")
大塚浩史 (金沢大理工)
On the number of peaks of the eigenfunctions of the linearized Gel'fand problem ····· 12
Francesca Gladiali ♯ (Univ. degli Studi di Sassari)
Massimo Grossi (Univ. di Roma "La Sapienza")
Hiroshi Ohtsuka (Kanazawa Univ.)
On the number of peaks of the eigenfunctions of the linearized Gel'fand problem

05-01-0065
54 塩路直樹 (横浜国大工)♯　渡辺宏太郎 (防衛大情報工)
楕円型方程式 $\Delta u + \nabla\rho\nabla u/\rho - gu + hu^p = 0$ の正値球対称解の一意性とその非退化性について ····· 12
Naoki Sioji (Yokohama Nat. Univ.)♯
Kohtaro Watanabe (防衛大情報工)
Uniquness of positive radial solutions of $\Delta u + \nabla\rho\nabla u/\rho - gu + hu^p = 0$ and its nondegeneracy

05-01-0021
55 高橋太 (阪市大理)♯
Extremal solutions to Liouville–Gelfand type elliptic problems with nonlinear Neumann boundary conditions ····· 12
Futoshi Takahashi (Osaka City Univ.)♯
Extremal solutions to Liouville–Gelfand type elliptic problems with nonlinear Neumann boundary conditions

05-01-0028
56 高橋太 (阪市大理)♯
Continuum spectrum for the linearized extremal eigenvalue problem with boundary reactions ····· 12
Futoshi Takahashi (Osaka City Univ.)♯
Continuum spectrum for the linearized extremal eigenvalue problem with boundary reactions

16:30〜17:30　特別講演

05-02-0003
立川篤 (東京理大理工)♯
$p(x)$-調和写像の正則性について
Atsushi Tachikawa (Tokyo Univ. of Sci.)♯
On the regularity of $p(x)$-harmonic maps

3月18日(火)　第V会場

9:00〜12:00

05-01-0051
57 中塚智之 (名大多元数理)* On uniqueness of symmetric Navier–Stokes flows around a body in the plane ····· 12

Tomoyuki Nakatsuka (Nagoya Univ.)* On uniqueness of symmetric Navier–Stokes flows around a body in the plane

05-01-0050
58 牛越恵理佳 (玉川大工)* New approach to the Hadamard variational formula for the Green function of the Stokes equations ····· 10

Erika Ushikoshi (Tamagawa Univ.)* New approach to the Hadamard variational formula for the Green function of the Stokes equations

05-01-0025
59 上野大樹 (慶大理工)♯ On the thin film approximation for the flow of a viscous incompressible fluid down an inclined plane ····· 12
白石暁識
井口達雄 (慶大理工)

Hiroki Ueno (Keio Univ.)♯ On the thin film approximation for the flow of a viscous incompressible fluid down an inclined plane
Akinori Shiraishi
Tatsuo Iguchi (Keio Univ.)

05-01-0057
60 近藤信太郎 (明大MIMS)♯ Almost-periodic solution of linearized Hasegawa–Wakatani equations with vanishing resistivity ····· 12

Shintaro Kondo (Meiji Univ.)♯ Almost-periodic solution of linearized Hasegawa–Wakatani equations with vanishing resistivity

05-01-0059
61 鈴木政尋 (東工大情報理工)* 多成分プラズマの運動を記述するモデル方程式の定常解について ····· 12

Masahiro Suzuki (Tokyo Tech)* Stationary solutions to the equation for a multicomponent plasma

05-01-0070
62 大縄将史 (早大非線形PDE研)♯ 輻射気体モデルにおける強い不連続進行波の安定性 ····· 12

Masashi Ohnawa (Waseda Univ.)♯ Asymptotic stability of strong traveling waves for a radiating gas model

05-99-0003
63 吉田夏海 (阪大情報)♯ Global asymptotic stability of a multiwave pattern for the scalar conservation law with degenerate flux and viscosity ····· 12

Natsumi Yoshida (Osaka Univ.)♯ Global asymptotic stability of a multiwave pattern for the scalar conservation law with degenerate flux and viscosity

05-01-0052
64 沖田匡聡 (九大数理)♯ 圧縮性 Navier–Stokes 方程式の臨界空間における解の減衰評価 ····· 12

Masatoshi Okita (Kyushu Univ.)♯ Optimal decay rate for strong solutions in critical spaces to the compressible Navier–Stokes equations

05-01-0053
65 古場一 (早大理工)* ブシネスク型方程式のエネルギー解の安定性解析 ····· 12

Hajime Koba (Waseda Univ.)* On stability of Boussinesq type system

05-01-0035
66 岩渕司 (中大理工)* Global solutions for the Burgers equation in the Besov spaces and the large time behavior ····· 12

Tsukasa Iwabuchi (Chuo Univ.)* Global solutions for the Burgers equation in the Besov spaces and the large time behavior

05-01-0049
67 岡部考宏 (弘前大教育)* Space-time asymptotics of the two dimensional Navier–Stokes flow in the whole plane ····· 10

Takahiro Okabe (Hirosaki Univ.)* Space-time asymptotics of the two dimensional Navier–Stokes flow in the whole plane

14:15〜15:15

05-01-0038
68 久保隆徹 (筑波大数理物質)♯
柴田良弘 (早大理工)
曽我幸平 (CNRS-ENS Lyon)
On the $\mathcal{R}$-boundedness of solution operators for the compressible-compressible two phase problem ····· 10

Takayuki Kubo (Univ. of Tsukuba)♯
Yoshihiro Shibata (Waseda Univ.)
Kohei Soga (CNRS-ENS Lyon)
On the $\mathcal{R}$-boundedness of solution operators for the compressible-compressible two phase problem

05-01-0043
69 柴田良弘 (早大理工)♯
$\mathcal{R}$-bounded solution operators for the Stokes equations with free boundary condition and its application, Incompressible case ····· 10

Yoshihiro Shibata (Waseda Univ.)♯
$\mathcal{R}$-bounded solution operators for the Stokes equations with free boundary condition and its application, Incompressible case

05-01-0045
70 柴田良弘 (早大理工)♯
ホンベロウローレンツ (TU Darmstadt)
榎本裕子 (芝浦工大システム理工)
$\mathcal{R}$-bounded solution operators for the Stokes equations with free boundary condition and its application, Compressible case ····· 10

Yoshihiro Shibata (Waseda Univ.)♯
Lorenz von Below (TU Darmstadt)
Yuko Enomoto (Shibaura Inst. of Tech.)
$\mathcal{R}$-bounded solution operators for the Stokes equations with free boundary condition and its application, Compressible case

05-01-0044
71 柴田良弘 (早大理工)♯
On a global in time unique existence theorem for some free boundary problem of the Navier–Stokes equations without surface tension ····· 10

Yoshihiro Shibata (Waseda Univ.)♯
On a global in time unique existence theorem for some free boundary problem of the Navier–Stokes equations without surface tension

05-01-0055
72 村田美帆 (早大理工)♯
柴田良弘 (早大理工)
圧縮性粘性流体に対する時間局所解の一意存在性 ····· 10

Miho Murata (Waseda Univ.)♯
Yoshihiro Shibata (Waseda Univ.)
Local in time unique existence of solutions to compressible viscous fluid flow

15:30〜16:30　特別講演

05-02-0002
和田健志 (熊本大工)♯
平滑化効果と Maxwell–Schrödinger 方程式の大域的適切性

Takeshi Wada (Kumamoto Univ.)♯
Smoothing effects and global well-posedness of Maxwell–Schrödinger equations