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※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。登壇者には下線が引かれています。

※氏名, 所属, 講演題目等で \UTF, \CID, \GAJI 命令を用いた箇所は青字で表示されています。

函数方程式論

3月21日(土) 第Va会場

9:15~12:00

- 05-01-0067
1 反田美香 (近畿大総理工) 超幾何関数と WKB 解 10
青木貴史 (近畿大理工)
Mika Tanda (Kinki Univ.) The hypergeometric function and WKB solutions
Takashi Aoki (Kinki Univ.)
- 05-01-0057
2 高橋甫宗 (近畿大総理工) Exact WKB analysis of Schrödinger equation with a Stokes curve of
岩木耕平 (京大数理研) loop type 10
青木貴史 (近畿大理工)
Toshinori Takahashi (Kinki Univ.) Exact WKB analysis of Schrödinger equation with a Stokes curve of
Kohei Iwaki (Kyoto Univ.) loop type
Takashi Aoki (Kinki Univ.)
- 05-01-0063
3 後藤良彰 (神戸大理) Contiguity relations of Lauricella's F_D and contingency tables 10
Yoshiaki Goto (Kobe Univ.) Contiguity relations of Lauricella's F_D and contingency tables
- 05-01-0059
4 梅田陽子 (東京理大理工) Simple line singularities に付随する D-加群の局所コホモロジー解とモノ
田島慎一 (筑波大数理物質) ドロミー 10
大阿久俊則 (東京女大現代教養)
Youko Umeta (Tokyo Univ. of Sci.) On the monodromy structure of holonomic D-modules associated with
Shinichi Tajima (Univ. of Tsukuba) simple line singularities
Toshinori Oaku
(Tokyo Woman's Christian Univ.)
- 05-01-0014
5 吉野正史 (広島大理) 形質進化を伴う 3 種系の挙動 10
田中嘉成 (国立環境研)
Masafumi Yoshino (Hiroshima Univ.) behavior of the system for three species with evolutionary character
Yoshinari Tanaka
(Nat. Inst. for Environ. Stud.)
- 05-01-0017
6 吉野正史 (広島大理) ある半線形偏微分方程式系の形式解のボレル総和法 10
山澤浩司 (芝浦工大デザイン工)
Masafumi Yoshino (Hiroshima Univ.) Borel summability of formal solutions of system of semilinear partial
Hiroshi Yamazawa differential equations
(Shibaura Inst. of Tech.)
- 05-01-0060
7 佐々木良勝 (広島大理) Nonintegrability of Hamiltonian system perturbed from integrable sys-
吉野正史 (広島大理) tem with two singular points 10
Yoshikatsu Sasaki (Hiroshima Univ.) Nonintegrability of Hamiltonian system perturbed from integrable sys-
Yoshino Masafumi (Hiroshima Univ.) tem with two singular points

- 05-01-0020
8 藤本 皓大 (阪府大工) 平均曲率作用素を含む常微分方程式に対するリミットサイクルの存在性
山岡 直人 (阪府大工) 10
Kodai Fujimoto (Osaka Pref. Univ.) Existence of limit cycles for Liénard type systems with mean curvature
Naoto Yamaoka (Osaka Pref. Univ.) operator
- 05-01-0058
9 谷川 智幸 (熊本大教育) 4階劣半分線形微分方程式の正值解の存在について 10
Tomoyuki Tanigawa (Kumamoto Univ.) Existence of positive solutions of fourth order sub-half-linear differential
equations
- 05-01-0005
10 柴田 徹太郎 (広島大工) Global and local behavior of oscillatory bifurcation curve 10
Tetsutaro Shibata (Hiroshima Univ.) Global and local behavior of oscillatory bifurcation curve
- 05-01-0039
11 宇佐美 広介 (岐阜大工)* ある Lanchester 型モデルの解の漸近挙動 10
チャンティフエンチャン
(岐阜大工)
Hiroyuki Usami (Gifu Univ.) Asymptotic behavior of solutions of a Lanchester-type model
Huyen Trang Tran Thi (Gifu Univ.)
- 05-01-0025
12 齋藤 誠慈 (同志社大理工) On Graef-Qian's theorem of difference equations 10
Seiji Saito (Doshisha Univ.) On Graef-Qian's theorem of difference equations
- 05-01-0047
13 側島 基宏 (Univ. of Salento) Analytic semigroups generated by $|x|^\alpha \Delta$ with singular lower-order terms
G. Metafuno (Univ. of Salento) 10
岡沢 登 (東京理大理)
C. Spina (Univ. of Salento)
Motohiro Sobajima (Univ. of Salento) Analytic semigroups generated by $|x|^\alpha \Delta$ with singular lower-order terms
Giorgio Metafuno (Univ. of Salento)
Noboru Okazawa (Tokyo Univ. of Sci.)
Chiara Spina (Univ. of Salento)
- 05-01-0049
14 側島 基宏 (Univ. of Salento) Spectral properties of non-selfadjoint extensions of Calogero Hamiltonian 10
G. Metafuno (Univ. of Salento)
Motohiro Sobajima (Univ. of Salento) Spectral properties of non-selfadjoint extensions of Calogero Hamiltonian
Giorgio Metafuno (Univ. of Salento)
- 05-01-0044
15 廣澤 史彦 (山口大理) On the energy estimates of the wave equation with time dependent
propagation speed asymptotically monotone functions 10
M. R. Ebert (Univ. de São Paulo)
F. Laila (山口大理工)
Fumihiko Hiroswa (Yamaguchi Univ.) On the energy estimates of the wave equation with time dependent
propagation speed asymptotically monotone functions
Marcelo Rempel Ebert
(Univ. de São Paulo)
Fitriana Laila (Yamaguchi Univ.)
- 14:15~16:30**
- 05-01-0031
16 一ノ瀬 弥 (信州大理) Dirac 方程式に対する Feynman 経路積分 (1), 無限遠方の過去と未来を行
き交う電子 10
Wataru Ichinose (Shinshu Univ.) The Feynman path integral for the Dirac equation (1), the electron
going across the infinite past and future
- 05-01-0032
17 一ノ瀬 弥 (信州大理) Dirac 方程式に対する Feynman 経路積分 (2), 因果律の相対論的不変性
(有限伝播性) 10
Wataru Ichinose (Shinshu Univ.) The Feynman path integral for the Dirac equation (2), Causality (finite
propagation property not exceeding c)

- 05-01-0036
18 村井宗二郎 (電通大)* 外部領域における波動方程式の平滑化効果と Strichartz 評価について … 10
望月清 (首都大*・中大理工)
Sojiro Murai (Univ. of Electro-Comm.) Smoothing and Strichartz estimates for wave equation in an exterior domain
Kiyoshi Mochizuki
(Tokyo Metro. Univ.* / Chuo Univ.)
- 05-01-0018
19 橋詰雅斗 (阪市大理) Neumann 境界条件型 L^p -Lyapunov 不等式 …… 10
高橋太 (阪市大理)
Masato Hashizume (Osaka City Univ.) L^p -Lyapunov inequality on Neumann boundary condition
Futoshi Takahashi (Osaka City Univ.)
- 05-01-0022
20 足達慎二 (静岡大工) Asymptotic uniqueness of ground states of quasilinear elliptic equations
渡辺達也 (京都産大理) with H^1 -supercritical exponent …… 10
Shinji Adachi (Shizuoka Univ.) Asymptotic uniqueness of ground states of quasilinear elliptic equations
Tatsuya Watanabe with H^1 -supercritical exponent
(Kyoto Sangyo Univ.)
- 05-01-0068
21 佐藤洋平 (埼玉大理工)* Remark on Nehari type condition for a least energy solution of semi-
柴田将敬 (東工大理工) linear elliptic equations …… 10
Yohei Sato (Saitama Univ.) Remark on Nehari type condition for a least energy solution of semi-
Masataka Shibata (Tokyo Tech) linear elliptic equations
- 05-01-0004
22 梅津健一郎 (茨城大教育)* Convex-concave 混合型境界値問題の解構造における不定符号係数の役割
H. R. Quoirin について …… 10
(Univ. de Santiago de Chile)
Kenichiro Umezū (Ibaraki Univ.) On the role of indefinite weights in the positive solutions set for an
Humberto Ramos Quoirin elliptic boundary value problem with convex-concave mixed nonlinearity
(Univ. de Santiago de Chile)
- 05-01-0071
23 高橋亮 (阪大基礎工) Extremal boundedness of a variational functional in point vortex mean
鈴木貴 (阪大基礎工) field theory associated with probability measures …… 10
張瀟 (阪大基礎工)
Ryo Takahashi (Osaka Univ.) Extremal boundedness of a variational functional in point vortex mean
Takashi Suzuki (Osaka Univ.) field theory associated with probability measures
Xiao Zhang (Osaka Univ.)
- 05-01-0061
24 渡辺宏太郎 (防衛大) 2次元球面上の L^p 弾性閉曲線と flat-core 解の存在について …… 10
塩路直樹 (横浜国大工)
Kotaro Watanabe L^p elastic closed curves and flat-core solutions on $S^2(G)$
(Nat. Defense Acad. of Japan)
Naoki Shioji (Yokohama Nat. Univ.)
- 05-01-0013
25 小坂篤志 (阪市大数学研) 測地球上で定義された Emden–Fowler 型方程式に対する球対称解の存在
宮本安人 (東大数理) と解集合の構造 …… 10
Atsushi Kosaka (Osaka City Univ.) Structure of solutions to the Emden–Fowler equation on a spherical cap
Yasuhito Miyamoto (Univ. of Tokyo)
- 05-01-0003
26 宮本安人 (東大数理) ある最大化問題の最大化元の形状と Liouville–Gel’fand 問題の解構造につ
いて …… 10
Yasuhito Miyamoto (Univ. of Tokyo) Nonradial maximizers for a Hénon type problem and Liouville–Gel’fand
problem
- 05-01-0010
27 梶木屋龍治 (佐賀大理工) Symmetric mountain pass lemma and sublinear elliptic equations …… 10
Ryuji Kajikiya (Saga Univ.) Symmetric mountain pass lemma and sublinear elliptic equations

16:50~17:50 特別講演

05-02-0002

矢ヶ崎 一幸 (京大情報)

Kazuyuki Yagasaki (Kyoto Univ.)

楕円型方程式の正值球対称解の存在と分岐

Existence and bifurcation of positive radial solutions in elliptic equations

3月22日(日) 第Vb会場

9:15~12:00

05-01-0019

28 川崎 敏治 (玉川大工)

豊田 昌史 (玉川大工)

Toshiharu Kawasaki (Tamagawa Univ.)

Masashi Toyoda (Tamagawa Univ.)

Fixed point theorem and fractional differential equation with multiple delays

Fixed point theorem and fractional differential equation with multiple delays

05-01-0078

29 三浦 達哉 (東大数理)

Tatsuya Miura (Univ. of Tokyo)

Singular limit of an adhesive obstacle problem

Singular limit of an adhesive obstacle problem

05-01-0021

30 國谷 紀良 (神戸大システム情報)

Toshikazu Kuniya (Kobe Univ.)

空間異質性を持つ年齢構造化 SIS 感染症モデルの漸近挙動

Asymptotic behavior of age-structured SIS epidemic models with spatial heterogeneity

05-01-0002

31 中森 さおり (広島大理)

滝本 和広 (広島大理)

Saori Nakamori (Hiroshima Univ.)

Kazuhiro Takimoto (Hiroshima Univ.)

Bernstein type theorem for the parabolic k -Hessian equationBernstein type theorem for the parabolic k -Hessian equation

05-01-0076

32 飯田 雅人 (宮崎大工)

村川 秀樹 (九大数理)

物部 治徳 (明大MIMS)

二宮 広和 (明大先端数理)

Masato Iida (Univ. of Miyazaki)

Hideki Murakawa (Kyushu Univ.)

Harunori Monobe (Meiji Univ.)

Hirokazu Ninomiya (Meiji Univ.)

二成分系における急速反応極限の一般化に向けて

Generalization of fast reaction limit for a two-component system

05-01-0054

33 松澤 寛 (沼津工高専)

兼子 裕大 (早大理工)

Hiroshi Matsuzawa

(Numazu Nat. Coll. of Tech.)

Yuki Kaneko (Waseda Univ.)

ある非線形移流拡散方程式の自由境界問題における spreading speed の評価と解の漸近的形状について

Spreading speed and sharp asymptotic profiles of solutions in free boundary problems for nonlinear advection-diffusion equations

05-01-0033

34 森 竜樹 (龍谷大理工)

久藤 衡介 (電通大情報理工)

辻川 亨 (宮崎大工)

四ツ谷 晶二 (龍谷大理工)

Tatsuki Mori (Ryukoku Univ.)

Kousuke Kuto

(Univ. of Electro-Comm.)

Tohru Tsujikawa (Univ. of Miyazaki)

Shoji Yotsutani (Ryukoku Univ.)

Profile of global bifurcation sheet and diagrams of a reaction-diffusion model for cell polarization

Profile of global bifurcation sheet and diagrams of a reaction-diffusion model for cell polarization

05-01-0009

35 梅田 典晃 (明大理工)

Noriaki Umeda (Meiji Univ.)

非斉次項を持つ半線形熱方程式の解の空間無限遠における爆発について

On blow-up at space infinity for semilinear heat equations with inhomogeneous terms

- 05-01-0045
36 神谷 寛 (阪府大工) Life span of solutions for a semilinear heat equation with a large exponent 10
Hiroshi Kamiya (Osaka Pref. Univ.) Life span of solutions for a semilinear heat equation with a large exponent
- 05-01-0035
37 原田 潤一 (秋田大教育文化)* 複素数値半線形熱方程式における非同時爆発の可能性について 10
Junichi Harada (Akita Univ.) Possibility of nonsimultaneous blow-up for a complex valued semilinear heat equation
- 05-01-0069
38 赤木 剛朗 (神戸大システム情報) Stability of non-isolated asymptotic profiles for fast diffusion 10
Goro Akagi (Kobe Univ.) Stability of non-isolated asymptotic profiles for fast diffusion
- 05-01-0046
39 石毛 和弘 (東北大理) Heat equation with a nonlinear boundary condition and uniformly local
佐藤 龍一 (東北大理) L^r spaces 10
Kazuhiro Ishige (Tohoku Univ.) Heat equation with a nonlinear boundary condition and uniformly local
Ryuichi Sato (Tohoku Univ.) L^r spaces
- 05-01-0023
40 藤嶋 陽平 (阪大基礎工)* On the effect of higher order derivatives of initial data on the blow-up set for a semilinear heat equation 10
Yohei Fujishima (Osaka Univ.) On the effect of higher order derivatives of initial data on the blow-up set for a semilinear heat equation
- 05-01-0075
41 坂口 茂 (東北大情報)* 不変等温面および不変等温線とその対称性 10
Shigeru Sakaguchi (Tohoku Univ.) Stationary isothermic surfaces and curves have some symmetry

13:15~14:15 特別講演

- 05-02-0001
三竹 大寿 (広島大ISSD)^b 退化粘性ハミルトン・ヤコビ方程式の漸近解析:長時間挙動と選択問題
Hiroyoshi Mitake (Hiroshima Univ.) Large-time asymptotics and selection problems for degenerate viscous Hamilton–Jacobi equations

3月23日(月) 第Va会場

9:30~12:00

- 05-01-0030
42 大崎 浩一 (関西学院大理工)* 弱い減衰項を持つ n 次元放物型・放物型走化性方程式系の大域解の L_p -
中口 悦史 (東京医科歯科大教養) 評価 10
Koichi Osaki (Kwansei Gakuin Univ.) L_p -estimates of solutions to n -dimensional parabolic-parabolic chemo-
Etsushi Nakaguchi taxis system with weak degradation
(Tokyo Med. Dent. Univ.)
- 05-01-0055
43 石田 祥子 (東京理大理) Boundedness in chemotaxis-Navier–Stokes systems with position dependent sensitivity in 2D domains 10
Sachiko Ishida (Tokyo Univ. of Sci.) Boundedness in chemotaxis-Navier–Stokes systems with position dependent sensitivity in 2D domains
- 05-01-0034
44 藤江 健太郎 (東京理大理) 一般の感応性関数をもつ放物・楕円型 Keller–Segel 系の時間大域解の存在と有界性 10
仙葉 隆 (九工大工) Global existence and boundedness in a parabolic-elliptic Keller–Segel system with general sensitivity
Kentarou Fujie (Tokyo Univ. of Sci.)
Takasi Senba (Kyushu Inst. of Tech.)
- 05-01-0008
45 溝口 紀子 (東京学大教育) Type II blowup in the doubly parabolic Keller–Segel system in the two dimension 10
Noriko Mizoguchi Type II blowup in the doubly parabolic Keller–Segel system in the two dimension
(Tokyo Gakugei Univ.)

- 05-01-0043
46 若杉 勇太 (阪大 理)* 連立非線形消散型波動方程式系の臨界指数について 10
西原 健二 (早大 政経)
Yuta Wakasugi (Osaka Univ.) Critical exponent for a system of semilinear damped wave equations
Kenji Nishihara (Waseda Univ.)
- 05-01-0016
47 肥田野久二男 (三重大 教育)* ある二つのべき乗型非線形項の和が波動方程式の解の最大存在時間に及
Chengbo Wang (Zhejiang Univ.) ばす影響に関して 10
横山 和義 (北海道科学大工)
Kunio Hidano (Mie Univ.) Combined effects of two nonlinearities in lifespan of small solutions to
Chengbo Wang (Zhejiang Univ.) semi-linear wave equations
Kazuyoshi Yokoyama
(Hokkaido Univ. of Sci.)
- 05-01-0015
48 坂田 繁洋 (早大 GEC) 消散型波動方程式の解の空間最大点挙動 10
若杉 勇太 (阪大 理)
Shigehiro Sakata (Waseda Univ.) Movement of spatial maximizers of the solution of the damped wave
Yuta Wakasugi (Osaka Univ.) equation
- 05-01-0051
49 竹田 寛志 (福岡工大)* 非線形消散型膜方程式の解の大域挙動について 10
Hiroshi Takeda (Fukuoka Inst. of Tech.) Large time behavior of solutions for a nonlinear damped plate equation
- 05-01-0079
50 加藤 孝盛 (名大多元数理) Invariant measure for the periodic fourth order Schrödinger equation
Takamori Kato (Nagoya Univ.) Invariant measure for the periodic fourth order Schrödinger equation
- 05-01-0053
51 木下 真也 (名大多元数理)* The Cauchy problem of nonlinear Schrödinger equations below L^2 10
Shinya Kinoshita (Nagoya Univ.) The Cauchy problem of nonlinear Schrödinger equations below L^2
- 05-01-0066
52 瓜屋 航太 (東北大理)* 2次の非線形 Schrödinger 方程式に対する非適切性について 10
岩渕 司 (中大理工)
Kota Uriya (Tohoku Univ.) On the ill-posedness for a quadratic nonlinear Schrödinger equation
Tsukasa Iwabuchi (Chuo Univ.)
- 05-01-0064
53 鈴木 敏行 (神奈川大工・工学院大) Scattering problem for Hartree equations with inverse-square potentials
Toshiyuki Suzuki Scattering problem for Hartree equations with inverse-square potentials
(Kanagawa Univ./Kogakuin Univ.)
- 14:15~16:00**
05-01-0049
54 中村 能久 (熊本大自然)* シュレディンガー方程式のある非線形系の時間大域解の存在と漸近挙動
下村 明洋 (東大数理) 10
利根川 聡 (日大理工)
Yoshihisa Nakamura Global existence and asymptotic behavior of solutions to some nonlinear
(Kumamoto Univ.) systems of Schrödinger equations
Akihiro Shimomura (Univ. of Tokyo)
Satoshi Tonegawa (Nihon Univ.)
- 05-01-0012
55 山崎 陽平 (京大理)* 線形ポテンシャル付き非線形 Schrödinger 方程式の横方向不安定性 10
Yohei Yamazaki (Kyoto Univ.) Transverse instability for nonlinear Schrödinger equation with a linear
potential

- 05-01-0007
56 星 埜 岳 (早大理工) 擬共形不変な Schrödinger 方程式に対する時間大域解の時空間における
小澤 徹 (早大理工) 解析的平滑化効果 10
Gaku Hoshino (Waseda Univ.) Space-time analytic smoothing effect for the global solutions to the
Tohru Ozawa (Waseda Univ.) pseudo conformally invariant Schrödinger equations
- 05-01-0037
57 R. Farwig (TU Darmstadt)* ナヴィエ・ストークス方程式の重みつき強解について 10
儀我美一 (東大数理) 儀我美一 (東大数理) Initial values for the Navier–Stokes equations in spaces with weights in
許本源 (東工大理工) 許本源 (東工大理工) time
Reinhard Farwig (TU Darmstadt) Reinhard Farwig (TU Darmstadt)
Yoshikazu Giga (Univ. of Tokyo) Yoshikazu Giga (Univ. of Tokyo)
Penyuan Hsu (Tokyo Tech) Penyuan Hsu (Tokyo Tech)
- 05-01-0073
58 阿部 健 (名大多元数理) ある L^p ヘルムホルツ分解が成立しない領域上のストークス半群について 10
儀我美一 (東大数理) 儀我美一 (東大数理) 10
K. Schade (TU Darmstadt) K. Schade (TU Darmstadt)
鈴木拓也 (東大数理) 鈴木拓也 (東大数理) On the Stokes semigroup in some non-Helmholtz domains
Ken Abe (Nagoya Univ.) Ken Abe (Nagoya Univ.)
Yoshikazu Giga (Univ. of Tokyo) Yoshikazu Giga (Univ. of Tokyo)
Katharina Schade (TU Darmstadt) Katharina Schade (TU Darmstadt)
Takuya Suzuki (Univ. of Tokyo) Takuya Suzuki (Univ. of Tokyo)
- 05-01-0052
59 伊藤 翼 (東工大理工) Remark on single exponential bound of the vorticity gradient for the
三浦英之 (東工大情報理工) 三浦英之 (東工大情報理工) two-dimensional Euler flow around a corner 10
米田 剛 (東工大理工) 米田 剛 (東工大理工) Remark on single exponential bound of the vorticity gradient for the
Tsubasa Itoh (Tokyo Tech) Tsubasa Itoh (Tokyo Tech) two-dimensional Euler flow around a corner
Hideyuki Miura (Tokyo Tech) Hideyuki Miura (Tokyo Tech)
Tsuyoshi Yoneda (Tokyo Tech) Tsuyoshi Yoneda (Tokyo Tech)
- 05-01-0065
60 前川 泰則 (東北大理) On Ukai-type solution formula for the Stokes system in a domain with
三浦英之 (東工大理工) 三浦英之 (東工大理工) graph boundary 10
Yasunori Maekawa (Tohoku Univ.) Yasunori Maekawa (Tohoku Univ.) On Ukai-type solution formula for the Stokes system in a domain with
Hideyuki Miura (Tokyo Tech) Hideyuki Miura (Tokyo Tech) graph boundary
- 05-01-0070
61 小林 徹平 (明大理工)* 摂動付き層状領域における定常 Navier–Stokes 方程式の解析 10
Teppey Kobayasi (Meiji Univ.) Teppey Kobayasi (Meiji Univ.) A stationary solution of the Navier–Stokes equations in a perturbed
layer domain in \mathbb{R}^3
- 05-01-0080
62 菱田 俊明 (名大多元数理)^b Asymptotic structure of steady Stokes flow around a rotating obstacle
in two dimensions 10
Toshiaki Hishida (Nagoya Univ.) Toshiaki Hishida (Nagoya Univ.) Asymptotic structure of steady Stokes flow around a rotating obstacle
in two dimensions
- 16:20~17:20 2014年度(第13回)解析学賞受賞特別講演
05-02-0004
石毛和弘 (東北大理) 放物型方程式の解の凸性について
Kazuhiro Ishige (Tohoku Univ.) Concavity properties of the solutions for parabolic equations

3月24日(火) 第Va会場

9:30~11:30

- 05-01-0001
63 牧野 哲 (山口大工)* Einstein–Euler 方程式の球対称解について 10
Tetu Makino (Yamaguchi Univ.) Tetu Makino (Yamaguchi Univ.) On spherically symmetric solutions to the Einstein–Euler equations

- 05-01-0072
64 森 直文 (九大数理) 川島 秀一 (九大数理)
Naofumi Mori (Kyushu Univ.) Shuichi Kawashima (Kyushu Univ.)
Dissipative structure and nonlinear stability for the dissipative Timoshenko system 10
Dissipative structure and nonlinear stability for the dissipative Timoshenko system
- 05-01-0041
65 本多 泰理 (慶大理工) 谷 温之 (慶大*)
Hirotada Honda (Keio Univ.) Atusi Tani (Keio Univ.*)
Large-time solvability of primitive equations for the ocean with free surface 10
Large-time solvability of primitive equations for the ocean with free surface
- 05-01-0050
66 上野 大樹 (慶大理工) 井口 達雄 (慶大理工)
Hiroyuki Ueno (Keio Univ.) Tatsuo Iguchi (Keio Univ.)
A mathematical justification of the thin film approximation for the flow down an inclined plane 10
A mathematical justification of the thin film approximation for the flow down an inclined plane
- 05-01-0077
67 千頭 昇 (東大理)* R. Danchin (Univ. Paris-Est)
Noboru Chikami (Tohoku Univ.) Raphaël Danchin (Univ. Paris-Est)
On the well-posedness of the full compressible Navier–Stokes system in critical Besov spaces 10
On the well-posedness of the full compressible Navier–Stokes system in critical Besov spaces
- 05-01-0042
68 津田 和幸 (九大数理) Kazuyuki Tsuda (Kyushu Univ.)
Time-periodic problem for the compressible Navier–Stokes–Korteweg system on the whole space 10
Time-periodic problem for the compressible Navier–Stokes–Korteweg system on the whole space
- 05-01-0024
69 大町 亮太 (九大数理) Ryouta Oomachi (Kyushu Univ.)
周期振動境界条件下における半空間上の Navier–Stokes 方程式の時間周期解の安定性 10
Stability of time periodic solution of incompressible Navier–Stokes equation on the half-space under oscillatory moving boundary condition
- 05-01-0040
70 隠居 良行 (九大数理) 西田 孝明 (京大情報)
Yoshiyuki Kagei (Kyushu Univ.) Takaaki Nishida (Kyoto Univ.)
Instability of plane Poiseuille flow in viscous compressible gas 10
Instability of plane Poiseuille flow in viscous compressible gas
- 05-01-0038
71 村田 美帆 (早大理工) M. Hieber (TU Darmstadt)
Miho Murata (Waseda Univ.) Matthias Hieber (TU Darmstadt)
圧縮性粘性流体と剛体の連成問題に対する時間局所解の一意存在性 10
On the local in time unique existence to the Fluid–Rigid body interaction problem for compressible fluids
- 05-01-0056
72 清水 扇丈 (静岡大理) 八木 真太郎 (静岡大自然)
Senjo Shimizu (Shizuoka Univ.) Shintaro Yagi (Shizuoka Univ.)
On local L_p - L_q well-posedness of incompressible two-phase flows with phase transitions: Non equal densities with large initial data 10
On local L_p - L_q well-posedness of incompressible two-phase flows with phase transitions: Non equal densities with large initial data
- 14:15~15:15
05-01-0062
73 齋藤 平和 (早大理工) M. Hieber (TU Darmstadt)
Hirokazu Saito (Waseda Univ.) Matthias Hieber (TU Darmstadt)
Strong solutions for two-phase free boundary problems for a class of non-Newtonian fluids 10
Strong solutions for two-phase free boundary problems for a class of non-Newtonian fluids
- 05-01-0026
74 柴田 良弘 (早大理工) Yoshihiro Shibata (Waseda Univ.)
Local well-posedness of compressible-incompressible two-phase flows with phase transitions 10
Local well-posedness of compressible-incompressible two-phase flows with phase transitions

05-01-0027

75 柴田 良 弘 (早 大 理 工) On the L_p - L_q maximal regularity theorem arising in the study of the compressible-incompressible two phase flow with phase transition 10

Yoshihiro Shibata (Waseda Univ.)

On the L_p - L_q maximal regularity theorem arising in the study of the compressible-incompressible two phase flow with phase transition

05-01-0028

76 柴田 良 弘 (早 大 理 工) On strong dynamics of compressible nematic liquid crystals 10

Yoshihiro Shibata (Waseda Univ.)

On strong dynamics of compressible nematic liquid crystals

05-01-0029

77 柴田 良 弘 (早 大 理 工) On the global wellposedness of strong dynamics of compressible nematic liquid crystals in \mathbb{R}^N 10

Yoshihiro Shibata (Waseda Univ.)

On the global wellposedness of strong dynamics of compressible nematic liquid crystals in \mathbb{R}^N

15:30~16:30 特別講演

05-02-0003

眞 崎 聡 (広 島 大 工) 質量劣臨界非線形シュレディンガー方程式の解析

Satoshi Masaki (Hiroshima Univ.)

On mass-subcritical nonlinear Schrödinger equation