

Remark

- The order of authors is written according to your input order. The first author is not necessarily the speaker. If the talk have two or more authors, then the speaker is underlined.
- The mark $\mathfrak{b}$ means the presentation by using the blackboard. If you talk by using your PC/tablet, no mark is written.
- The mark $\star$ means emeritus professor.
- The number on the right side of the title implies the time of talk (minutes). There are some talks whose limited time is shortened due to various reasons. Your kind understanding is appreciated.

Contents

Foundation of Mathematics and History of Mathematics	2
Algebra	4
Geometry	9
Complex Analysis	12
Functional Equations	14
Real Analysis	20
Functional Analysis	22
Statistics and Probability	24
Applied Mathematics	27
Topology	33
Infinite Analysis	35

Foundation of Mathematics and History of Mathematics

September 3rd (Thu)

9:00–10:30

- 01-01-0021
1 Katsushi Waki (Yamagata Univ.) Progress report on the digitization of the Sakuma library 15
- 01-01-0023
2 Koichi Hirata On circle chain problems studied by Chiou Abe 15
(Matsuyama Univ./Ehime Univ.*)
- 01-01-0011
3 Noriko Tanaka (Naragakuen Univ.) Methods of expressing factorization in different mathematical schools 15
- 01-01-0029
4 Makoto Tamura (Osaka Sangyo Univ.) Overview of the Shuihudi bamboo slips “Suanshu” of the Han Dynasty 15
- 01-01-0030
5 Hideyuki Majima (Ochanomizu Univ.*) On the publications of Jinkouki edited by Yoshida Mitsuyoshi 15
- 01-01-0006
6 Tsukane Ogawa (Yokkaichi Univ.) On the equation problems in the *Taisei Sankei* —The concept and calculation method 15
Mitsuo Morimoto (Sophia Univ.*)
Noriko Tanaka (Naragakuen Univ.)

10:40–11:40 Talk Invited by Section on Foundation and History of Mathematics

- 01-02-0002
Nobuo Miura (Kobe Univ.*) Who named the Pythagorean Theorem?: Tracing the development of early modern western mathematics through Euclid’s Elements

11:45–12:00 Mathematics History Team Meeting

14:15–17:30

- 01-01-0002
7 Masato Fujita O-minimal structures possessing finitely many dimension functions ... 15
(Japan Coast Guard Acad.)
- 01-01-0005
8 Koki Okura (Univ. of Tsukuba) Distality in ordered abelian groups 15
- 01-01-0015
9 Akito Tsuboi (Univ. of Tsukuba*) A property of algebraic independence in small theories 10
- 01-01-0017
10 Koichiro Ikeda (Hosei Univ.) Generic structures with infinitely many generators 15
- 01-01-0024
11 Kota Takeuchi (Univ. of Tsukuba) Colorings and the number of independent strict orders 15
Akito Tsuboi (Univ. of Tsukuba*)
- 01-01-0026
12 Kai Ino (Hosei Univ.) Differential-algebraic comparisons between Eisenstein series and the modular j-function 15
- 01-01-0027
13 Hirotaka Kikyo (Kobe Univ.) On Hrushovski’s construction and SOP3, TP1 and TP2 15
- 01-01-0034
14 Koitaro Nakaura (Univ. of Tokyo) Generalized dp-ranks and their properties 15
- 01-01-0003
15 Toshimichi Usuba (Waseda Univ.) 1-manifolds and the axiom of choice 15
- 01-01-0013
16 Takashi Yamazoe (Kobe Univ.) Cardinal invariants of quotient Boolean algebras associated with ideals 15
- 01-01-0014
17 Hidetaka Noro (Kobe Univ.) A dichotomy for local weak constant evasion numbers 15
- 01-01-0022
18 Sakaé Fuchino (Kobe Univ.) Multiverse reflected down to the set-theoretic genealogy 15

September 4th (Fri)

9:10–10:30

01-01-0035

19 Kohtaro Tadaki (Chubu Univ.) Confirming points and Direct PoT 15

01-01-0016

20 Kenshi Miyabe (Meiji Univ.) Universality requires random resources 15

01-01-0001

21 Gunnar Wilken
(Okinawa Inst. of Sci. and Tech. Grad. Univ.) Direct generalization of Goodstein's theorem 15

01-01-0004

22 Satoru Kuroda
(Gunma Pref. Women's Univ.) Bounded reverse mathematics of Pfaffian and matchings 15

01-01-0033

23 Makoto Kikuchi (Kobe Univ.) Computable functions on nonstandard models of arithmetic 15
Taishi Kurahashi (Kobe Univ.)**10:40–11:40 Talk Invited by Section on Foundation and History of Mathematics**

01-02-0001

Yudai Suzuki b Second incompleteness theorem and reflection principles via ω -models
(Oyama Nat. Coll. of Tech.)**11:45–12:00 Research Section Assembly****14:15–17:30**

01-01-0019

24 Tsubasa Kumasaka (Kobe Univ.) Fixed points in abstract provability structures 15
Taishi Kurahashi (Kobe Univ.)

01-01-0025

25 Akihiro Ueshima (Kobe Univ.) On non-standard models of arithmetic with incomparable sets of theorems 15

01-01-0031

26 Taishi Kurahashi (Kobe Univ.) The first incompleteness theorem and extensionality 15
Albert Visser (Utrecht Univ.)

01-01-0032

27 Haruka Kogure (Kobe Univ.) Finite Kripke models and provability interpretations in quantified modal logic 15
Taishi Kurahashi (Kobe Univ.)

01-01-0007

28 Leonardo Pacheco (Sci. Tokyo) A non-wellfounded proof system for the constructive μ -calculus 15

01-01-0008

29 Yoàv Montacute Hybrid logic with empty names 15
(Nat. Inst. of Informatics)
Yuki Nishimura (Sci. Tokyo)
Leonardo Pacheco (Sci. Tokyo)

01-01-0009

30 Yoàv Montacute Halo semantics for modal logic 15
(Nat. Inst. of Informatics)

01-01-0010

31 Kohei Tominaga (Kobe Univ.) Complexity of the pure logic of necessitation 15

01-01-0012

32 Mashu Noguchi (Kobe Univ.) Very weak subintuitionistic logics 15
Taishi Kurahashi (Kobe Univ.)

01-01-0018

33 Yuta Sato (Kobe Univ.) On modal logics in an intuitionistic setting that are neither IMLs nor CMLs 15

01-01-0020

34 Nobu-Yuki Suzuki (Shizuoka Univ.) A remark on variants of the prenex normal form theorem in intermediate predicate logics 15

01-01-0028

35 Eiji Yamada (Sci. Tokyo) Classifying truth patterns in iterated announcements 15

Algebra

September 1st (Tue)

9:00–12:00

- [02-01-0002](#)
1 Akiyoshi Tsuchiya (Toho Univ.) Classification of Gorenstein simplices of maximal dimension 13
- [02-01-0003](#)
2 Akiyoshi Tsuchiya (Toho Univ.) Classification and counting of Gorenstein simplices with a special h^* -polynomial 13
- [02-01-0016](#)
3 Koji Matsushita (Univ. of Tokyo) On toric rings associated with root systems 13
- [02-01-0039](#)
4 Kenta Mori (Kwansei Gakuin Univ.) Toric rings of unconditional lattice polytopes 13
Ryo Motomura (Toho Univ.)
Hidefumi Ohsugi (Kwansei Gakuin Univ.)
Akiyoshi Tsuchiya (Toho Univ.)
- [02-01-0050](#)
5 Mitsuhiro Miyazaki Canonical trace radical property of some Stanley–Reisner rings 13
(Osaka Metro. Univ.)
- [02-01-0072](#)
6 Momonari Kudo A new criterion for Moreno-Sociás’ conjecture 13
(Fukuoka Inst. of Tech.)
Kazuhiro Yokoyama (Rikkyo Univ.*)
- [02-01-0031](#)
7 Jun Horiuchi (Nippon Inst. of Tech.) Demazure-type construction for certain graded rings 13
- [02-01-0045](#)
8 Kou Takahashi (Waseda Univ.) Defining ideals of some numerical semigroup rings with arithmetic pseudo-Frobenius numbers 13
- [02-01-0024](#)
9 Akihiro Sugawara (Yamagata Univ.) Existence of a far-flung Gorenstein numerical semigroup attaining the Herzog–Kumashiro–Stamate bound 13
- [02-01-0029](#)
10 Ken-ichi Yoshida (Nihon Univ.) Nearly Gorenstein Rees algebras over two-dimensional regular local rings 13
Naoki Endo (Meiji Univ.)
- [02-01-0037](#)
11 Kyosuke Maeda (Nihon Univ.) Classification on nearly Gorenstein rational surface singularities with multiplicity 4 13
- [02-01-0018](#)
12 Yuki Mifune (Nagoya Univ.) Lower bounds for levels of bounded complexes 13

14:15–15:15 Talk Invited by Algebra Section

- [02-02-0004](#)
Norihito Hanihara (Kyushu Univ.) Calabi–Yau structures and tilting theory for singularity categories

15:30–18:00

- [02-01-0051](#)
13 Ryo Kanda (Osaka Metro. Univ.) Bicompletions of abelian categories with dimension functions 13
- [02-01-0049](#)
14 Yuya Otake (Univ. of Tokyo) Auslander grade condition and syzygy category 13
- [02-01-0078](#)
15 Yuta Kimura (Hiroshima Inst. of Tech.) Schur roots and tilting modules of path algebras over commutative rings 13
- [02-01-0075](#)
16 Shota Inoue (Tokyo Univ. of Sci.) Braided Morita invariance of the braided cohomology of quasi-triangular bialgebras 13
Ayako Itaba (Tokyo Univ. of Sci.)
- [02-01-0061](#)
17 Nao Mochizuki (Nagoya Univ.) On extended module categories over truncated DG-algebras 13

02-01-0058	18 Haigang Hu (Univ. of Sci. and Tech. of China) Izuru Mori (Shizuoka Univ.) Wenchao Wu (Shizuoka Univ.)	Classification of noncommutative central conics	13
02-01-0023	19 Yuta Takashima (Tokyo Metro. Univ.)	Classification of objects in the singularity categories of rational double points in arbitrary characteristics	13
02-01-0068	20 Shu Nimura (Nagoya Univ.)	Some surface geometry via quiver moduli and Bridgeland moduli	13
02-01-0021	21 Yuki Matsubara (Univ. of Southern Denmark)	On a certain tamely ramified geometric Langlands correspondence . . .	13
02-01-0017	22 Takuya Nemoto (Waseda Univ.)	Rank two special Ulrich bundles on the Fano threefold of degree 10 with Picard number 2	13

September 2nd (Wed)

9:00–12:00

02-01-0009	23 Tomohiro Iwami (Kyushu Inst. of Tech.)	(c_2, c_3) - or c_3 -sectional genera analogues based on certain triple covers of irregular three-folds	13
02-01-0041	24 Yuta Takahashi (Chuo Univ.) Kiwamu Watanabe (Chuo Univ.)	On varieties with Ulrich exterior power of tangent bundles	13
02-01-0064	25 Natsume Kitagawa (Nagoya Univ.)	Rational curves on del Pezzo varieties in positive characteristic	13
02-01-0052	26 Kohei Aoyama (Univ. of Osaka)	Dormant modular curves: Their genera and towers of function fields	13
02-01-0057	27 Yuki Kato (Kurume Nat. Coll. of Tech.)	Algebraic cobordism via spans	13
02-01-0035	28 Saiei-Jaeyeong Matsubara-Heo (Tohoku Univ.) Simon Telen (MPI MiS)	Principal matroid determinant	13
02-01-0059	29 Saiei-Jaeyeong Matsubara-Heo (Tohoku Univ.) Masanori Asakura (Hokkaido Univ.)	Periods of limiting mixed hodge structures of projective hypersurfaces	13
02-01-0036	30 Atsuhira Nagano (Kanazawa Univ.)	Periods of K3 surfaces associated with a complex reflection group and meromorphic modular forms with poles in a hyperplane arrangement	13
02-01-0012	31 Ryo Ohashi (Univ. of Tokyo)	Superspecial plane quintic curves and Gaussian hypergeometric series	13
02-01-0074	32 Ryunosuke Nakano (Hokkaido Univ.) Keiji Matsumoto (Hokkaido Univ.)	Algebro-geometric aspects of a certain limit theorem expressed by the hypergeometric series $F(\frac{1}{6}, \frac{1}{2}, 1; x)$	13
02-01-0022	33 Shuhei Tsujie (Hokkaido Univ. of Edu.) Masamichi Kuroda (Nippon Bunri Univ.)	The characteristic quasi-polynomials of non-crystallographic root systems H_2, H_3 , and H_4	10
02-01-0040	34 Yukino Yagi (Univ. of Osaka) Masahiko Yoshinaga (Univ. of Osaka)	Filtered Varchenko–Gelfand algebras of hyperplane arrangements and oriented matroids	13

13:00–14:00 Talk Invited by Algebra Section

02-02-0001	Atsushi Takahashi (Univ. of Osaka)	Mirror symmetry and full exceptional collections in derived categories
------------	------------------------------------	--

September 3rd (Thu)

9:00–12:00

02-01-0010

- 35 Yuto Nogata (Hirosaki Univ.) Cyclotomic numbers of order $q - 1$ over $\mathbb{F}_{q^r}$ 13
Hayaki Kudo (Hirosaki Univ.)

02-01-0071

- 36 Koichi Betsumiya (Hirosaki Univ.) Codes generated by matrices whose co-ranks are cyclotomic numbers
Yusuke Kasai (Hirosaki Univ.) 13
Hayaki Kudo (Hirosaki Univ.)
Yuto Nogata (Hirosaki Univ.)

02-01-0046

- 37 Shusei Narumi (Hirosaki Univ.) On the number of k -full integers between successive k -th powers 13
Yohei Tachiya (Hirosaki Univ.)

02-01-0001

- 38 Masaya Kitajima (Nagoya Univ.) Hierarchy structures of orders of astroid-type p -Bessel functions via
Erdélyi–Kober fractional calculus 13

02-01-0053

- 39 Daniel Duverney Transcendence of Mahler-type infinite products generated by second-
(Baggio School for Engineering) degree polynomials 10
Takeshi Kurosawa (Tokyo Univ. of Sci.)

02-01-0004

- 40 Hideto Iwata On a relation to the Riemann hypothesis and an analytic part for the
(Gunma Nat. Coll. of Tech.) divisor function 13

02-01-0055

- 41 Reo Terada (Kyushu Univ.) Asymptotic estimates of sums of Bege’s generalized Möbius functions
..... 13

02-01-0054

- 42 Haruka Sakai On a theorem of Turán II 13
Makoto Minamide (Yamaguchi Univ.)
Yoshio Tanigawa

02-01-0077

- 43 Kenta Endo (Suzuka Nat. Coll. of Tech.) Denseness results for the Euler–Zagier type multiple zeta-functions with
identical arguments on the critical line 13

02-01-0042

- 44 Takashi Miyagawa Laurent series expansions for the Barnes multiple zeta function 13
(Onomichi City Univ.)

02-01-0060

- 45 Hikari Hanaki (Tohoku Univ.) The Littlewood–Richardson rule for Schur multiple zeta functions 13

02-01-0025

- 46 Ku-Yu Fan (Nagoya Univ.) An explicit formula for the special values of the p -adic multiple L -
functions 13

12:00–12:30 Research Section Assembly**14:15–15:15 Talk Invited by Algebra Section**

02-02-0002

- Wataru Kai (Tohoku Univ.)^b Linear patterns of prime elements in number fields and their connection
to Hilbert’s Tenth Problem

15:30–18:00

02-01-0067

- 47 Sosuke Sasaki (Waseda Univ.) On the Iwasawa λ -invariant of $\mathbb{Z}_2$ -extensions of real quadratic fields
..... 13

02-01-0034

- 48 Satoshi Fujii (Shimane Univ.) On capitulations and pseudo-null submodules in certain $\mathbb{Z}_p^d$ -extensions
..... 13

02-01-0070

- 49 Haruma Sasaki (Tokushima Univ.) The 2-class field tower over intermediate fields of the cyclotomic $\mathbb{Z}_2$ -
extensions of certain imaginary quadratic fields 13

02-01-0020

- 50 Yasushi Mizusawa (Rikkyo Univ.) On $\mathbb{Z}_2$ -extensions of real quadratic fields with four odd ramified prime
Yuito Saito (Rikkyo Univ.) numbers 10

02-01-0006	51 Keiji Okano (Tsuru Univ.)	On the triviality of the unramified Iwasawa modules of the maximal multiple $\mathbb{Z}_p$ -extensions	13
02-01-0028	52 Yasushi Mizusawa (Rikkyo Univ.)	Trivial Iwasawa modules and arithmetic linking numbers	10
	Keiji Okano (Tsuru Univ.)		
02-01-0073	53 Mahiro Tokizane (Univ. of Osaka)	Stark–Heegner points and the class number one problem for real quadratic fields of Richaud–Degert type	13
02-01-0019	54 Takenori Kataoka (Tokyo Univ. of Sci.)	Construction of graph coverings with prescribed Iwasawa invariants . .	13
02-01-0063	55 Yukiko Yanagida (Tohoku Univ.)	Counting cycles in isogeny graphs via the trace of Hecke operators . . .	13
02-01-0069	56 Jinbo Yu (Nagoya Univ.)	Schur–MacMahon q -series	13
	Henrik Bachmann (Nagoya Univ.)		

September 4th (Fri)

9:00–12:00

02-01-0044	57 Naoki Ochi (Nagoya Univ.)	Minimum obstruction modulus of primitive, positive definite integral binary quadratic forms	13
02-01-0015	58 Hyuga Yoshizaki (Tokyo Univ. of Sci.)	Periodic continued fractions along the $\mathbb{Z}_2$ -extension over $\mathbb{Q}$	13
	Yoshinori Kanamura (NTT DATA Math. Systems Inc.)		
02-01-0007	59 Yasuaki Gyoda (Nagoya Univ.)	A generalization of the discrete part of the Markov–Lagrange spectrum	13
02-01-0005	60 Yuto Tsuruta (Tohoku Univ.)	On the finite transcendence of Frobenius traces for abelian varieties over $\mathbb{Q}$	13
02-01-0056	61 Yuichi Shimada (Tokyo Metro. Coll. of Ind. Tech.)	A remark on modular Galois deformations	13
02-01-0011	62 Ryoma Takeuchi (Sci. Tokyo)	A criterion for log regularity via log Frobenius–Witt differentials	13
02-01-0047	63 Ryo Ichikawa (Tohoku Univ.)	Applications of torsion packet envelopes to Diophantine problems	13
02-01-0048	64 Hohto Bekki (Saga Univ.)	On integral representations of Catalan’s constant and Apéry’s constant	13
02-01-0008	65 Sin Yi Tsang (Ochanomizu Univ.)	Skew braces with a trivial automorphism group	13
02-01-0014	66 Xichuan Tan (Univ. of Tsukuba)	Log chiral de Rham complex and A_n -singular surfaces	13
02-01-0013	67 Hiroshi Yamauchi (Tokyo Woman’s Christian Univ.)	Classification of real forms of lattice vertex algebras	13
	Ching Hung Lam (Academia Sinica)		
02-01-0062	68 Kenichiro Tanabe (Tokyo City Univ.)	On irreducible weak modules for the fixed-point subalgebra of the Heisenberg vertex operator algebra	13

14:15–15:15 Talk Invited by Algebra Section

02-02-0003	Hideya Watanabe (Rikkyo Univ.)	Quantum coordinate coalgebras and bi- ι -crystals
----------------------------	--------------------------------	---

15:30–18:00

02-01-0043

69 Keitaro Shiizuka (Kindai Univ.) Crossed Burnside rings for groupoids 13

02-01-0066

70 Fumihito Oda (Kindai Univ.) Deflation map and the sum of inverses of the element orders in finite groups 10

02-01-0030

71 Takuma Byakuno (Kansai Univ.) Finiteness of specializations of the q -deformed modular group at roots of unity 13
Xin Ren (Osaka Metro. Univ.)
Kohji Yanagawa (Kansai Univ.)

02-01-0027

72 Masaya Yanaka (Univ. of Tsukuba) Lie algebras of Suzuki and Ree groups over twisted rings 13

02-01-0033

73 Shingo Okuyama On the m -thickness of the irreducible representations of S_n for $n \leq 5$ 13
(Nat. Inst. of Tech., Kagawa Coll.)
Yasuhiro Omoda
(Nat. Inst. of Tech., Akashi Coll.)
Kazunori Nakamoto
(Univ. of Yamanashi)

02-01-0038

74 Yasuhiro Omoda On m -thick representations of simple Lie groups 13
(Nat. Inst. of Tech., Akashi Coll.)
Kazunori Nakamoto
(Univ. of Yamanashi)

02-01-0032

75 Liron Speyer A small counterexample to James's conjecture 13
(Okinawa Inst. of Sci. and Tech. Grad. Univ.)

02-01-0026

76 Sota Asai (Univ. of Tokyo) Bicom pact torsion classes and conjectures on brick infinite algebras .. 13

02-01-0065

77 Kohei Yahiro (Kyoto Univ.) Irreducible components for 2×3 commutative ladder persistence 13
Yasuaki Hiraoka (Kyoto Univ.)

02-01-0076

78 Shuji Fujino (Tokyo Univ. of Sci.) Construction of two-sided tilting complexes sending simples to shifts of modules 13
Yuta Kozakai (Tokyo Univ. of Sci.)

Geometry

September 1st (Tue)

9:30–12:00

03-01-0031

- 1 Yasunori Kimura (Toho Univ.) A new Euler geodesic of a spherical or hyperbolic triangle 10
 Kenzi Satô (Tamagawa Univ.)

03-01-0008

- 2 Yasuo Matsuda On the curvature circles of the cycloid curves 15

03-01-0022

- 3 Yoichi Maeda (Tokai Univ.) A three-dimensional model of $SL(2, \mathbb{R})$ with hyperboloid of two sheets, and the visualization of its group structure 10

03-01-0027

- 4 Atsushi Kameyama (Gifu Univ.) Polygonal common fundamental domains for lattices in the plane 15

03-01-0032

- 5 Yuhei Kogo (Hokkaido Univ.) Finite-gap solutions of the Pohlmeyer–Lund–Regge equation and the associated curve evolution 15

03-01-0029

- 6 Katsuhiro Moriya (Univ. of Hyogo) A representation formula for minimal timelike surfaces in the four-dimensional pseudo-Euclidean space of index two 10

03-01-0017

- 7 Reiko Miyaoka (Tohoku Univ.) Chern’s conjecture in the Dupin case 10

03-01-0043

- 8 Riku Kishida (Sci. Tokyo) A new framework of zero mean curvature surfaces in the isotropic 3-space 15

03-01-0011

- 9 Shuhei Katsuta (Nagoya Univ.) A proof of the Fujimoto conjecture via planar networks 15

14:15–16:45

03-01-0035

- 10 Haruka Sugai (Tokyo Univ. of Sci.) Classification of five-dimensional homogeneous manifolds of negative curvature 15

03-01-0023

- 11 Isami Koga (Kyushu Int. Univ.) Rigidity of equivariant harmonic maps from the sphere into the Grassmannians 15
 Masaro Takahashi
 (Kurume Nat. Coll. of Tech.)
 Yasuyuki Nagatomo (Meiji Univ.)

03-01-0041

- 12 Ryusei Tsukada (Hiroshima Univ.) Split Dynkin indices for real semisimple symmetric pairs 15

03-01-0006

- 13 Makiko Sumi Tanaka Geometry of oriented Lagrangian Grassmann manifolds 15
 (Tokyo Univ. of Sci.)
 Hiroyuki Tasaki
 (Tokyo Metro. Univ./Univ. of Tsukuba)

03-01-0015

- 14 Hiroaki Nagaya (Hiroshima Univ.) A properness criterion for group actions of solvable groups 15

03-01-0018

- 15 Muneto Miyaji (Hiroshima Univ.) A geometric interpretation of generalized Hurwitz–Radon numbers defined by Kannaka–Tojo 15

03-01-0024

- 16 Kazuyuki Hasegawa (Kanazawa Univ.) Quaternionic complex manifolds and fixed-point sets of S^1 -actions ... 15

03-01-0021

- 17 Yusei Aoki Conjugate and focal values along Legendre trajectories on totally η -umbilic real hypersurface 10
 (Hakodate Nat. Coll. of Tech.)

September 2nd (Wed)

10:00–10:15 Presentation Ceremony for the 2026 MSJ Geometry Prize**10:20–11:20 Award Lecture for the 2026 MSJ Geometry Prize**

03-02-0002

Shinpei Baba (Univ. of Osaka) Complex projective structures on a Riemann surface and representations of the surface group

13:00–14:00 Award Lecture for the 2026 MSJ Geometry Prize

03-02-0003

Kouichi Yasui (Univ. of Osaka) Exotic smooth structures on 4-manifolds and genus functions

September 3rd (Thu)

9:30–11:45

03-01-0014

18 Yusuke Shiobara (Shinshu Univ.) Towards Riemannian diffeology 15

03-01-0034

19 Ryota Nakano (Waseda Univ.) Trace-class vacuum Einstein equations on ℓ^2 -manifolds and spherical rigidity 15

03-01-0010

20 Rongkai Zhang (Univ. of Osaka) Rigidity of the Borell–Brascamp–Lieb inequality 10

03-01-0025

21 Hikaru Kubota (Univ. of Osaka) Lorentz Hausdorff measure and coarea inequality 15

03-01-0009

22 Tomohiro Fukaya (Tokyo Metro. Univ.) The Tits boundary or coarsely convex spaces 15
Ikkei Sato (Tokyo Metro. Univ.)

03-01-0002

23 Shota Hamanaka (Univ. of Tsukuba) Weighted ADM mass and weighted Yamabe flow 15

03-01-0005

24 Shun Maeta (Chiba Univ.) Rotational symmetry and classification of complete gradient Yamabe solitons 15

14:15–16:00

03-01-0038

25 Kei Funano (Tohoku Univ.)^b A study of the distribution of eigenvalues of the Laplacian on convex domains 10

03-01-0004

26 Moe Fujii (Nagoya Univ.) Steklov first-eigenvalue maximization and maximization of the variance of maps on the boundary 15

03-01-0040

27 Kazumasa Narita (Yonago Nat. Coll. of Tech.) Second variation formula for the Laplace eigenvalue functional on closed manifolds 15

03-01-0012

28 Tomoya Nakamura (Kogakuin Univ.) Correspondence of Koszul–Vinberg structures with Poisson structures, and of Jacobi–Koszul–Vinberg structures with Jacobi structures 15
Naoki Kimura (Tokyo Univ. of Sci.)

03-01-0013

29 Tomoya Nakamura (Kogakuin Univ.) Correspondence of Koszul–Vinberg–Nijenhuis structures with Poisson–Nijenhuis structures, and of compatible Koszul–Vinberg pairs with compatible Poisson pairs 15
Naoki Kimura (Tokyo Univ. of Sci.)

03-01-0019

30 Naoki Kimura (Tokyo Univ. of Sci.) Examples of Jacobi–Koszul–Vinberg structures, Koszul–Vinberg structures, Jacobi structures, and Poisson structures on $\mathbb{R}^n$ and their characteristic foliations 10
Tomoya Nakamura (Kogakuin Univ.)

16:15–17:15 Talk Invited by Geometry Section

03-02-0001

Tadashi Fujioka (Fukuoka Univ.) Recent developments in Busemann geometry

September 4th (Fri)

9:30–11:45

03-01-0007

- 31 Xiaozhou Zhou (Ritsumeikan Univ.) Quandle presentations of surface knots in 4-manifolds and bridge numbers 15

03-01-0037

- 32 Lucas Henrique Silveira Gomes (Univ. of Osaka) On the classification of transverse Calabi–Yau Vaisman manifolds 15

03-01-0001

- 33 Satoshi Jinnouchi (Univ. of Osaka) The equality condition of the Bogomolov–Gieseker inequality for nef and big classes 15

03-01-0039

- 34 Natsuo Miyatake (Tohoku Univ.) On the uniqueness of complete solutions and strong Liouville property for weak subsolutions of elliptic equations 15

03-01-0036

- 35 Yudai Hateruma (Waseda Univ.) Distinguished bases and the braid group action for solutions of the tt^* -Toda equations 15

03-01-0026

- 36 Hayato Nakanishi (Chiba Univ.) Multi-valued Morse homotopy for the SYZ mirror of the complex projective plane 15
Yat-Hin Suen
(National Cheng Kung Univ.)

03-01-0003

- 37 Masao Jinzenji (Okayama Univ.) Geometrical proof of generalized mirror transformation for multi-point virtual strcutre constants of projective hypersurfaces 15

14:15–16:15

03-01-0033

- 38 Kota Baba (Nagoya Univ.) Multiple zeta values and logarithmic integrals of Kontsevich graphs 15

03-01-0042

- 39 Shuhei Yonehara (Yonago Nat. Coll. of Tech.) Godbillon–Vey classes of Lie subalgebroids 15

03-01-0028

- 40 Kaito Kayo (Hokkaido Univ.) Projective flatness of coherent tangent bundles and affine immersions 10

03-01-0016

- 41 Kaori Yamaguchi (Ritsumeikan Univ.) Characterization of δ -almost sufficient statistics via KL divergence ... 15

03-01-0030

- 42 Ryu Ueno (Chitose Inst. of Sci. and Tech.) Classification of doubly totally-umbilical submanifolds in the probability simplex 15

03-01-0020

- 43 Hideyuki Ishi (Osaka Metro. Univ.) Invariant statistical connections on the multivariate centered Gaussian model and their moduli spaces 15
Hikoza Kobayashi (Hiroshima Univ.)
Takayuki Okuda (Hiroshima Univ.)

Complex Analysis

September 1st (Tue)

9:30–11:10

04-01-0015

- 1 Akira Ushijima (Univ. of Hyogo) Determination of Dirichlet fundamental polygons for triangle groups generated by hyperbolic triangles with ultraideal vertices 10
Toshihiro Nakanishi
(Osaka Metro. Univ.)

04-01-0002

- 2 Shunji Horiguchi Newton–Mandelbrot set 15

04-01-0005

- 3 Joe Kamimoto (Kyushu Univ.) Analytic continuation of local zeta functions to a slit complex plane 15
Hiromichi Mizuno
(Kyushu Sangyo Univ.)
Toshihiro Nose (Fukuoka Inst. of Tech.)

04-01-0003

- 4 Hiroaki Aikawa (Chubu Univ.) Everywhere divergence of tangential parabolic limits of Gauss–Weierstrass integrals 15

04-01-0009

- 5 Ikkei Hotta (Yamaguchi Univ.) Problems related to conformal slit-mappings 15
Sebastian Schleißinger
(Univ. of Würzburg)

04-01-0013

- 6 Katsuhiko Matsuzaki (Waseda Univ.) Boundary characterizations of little Bloch and VMOA functions on the half-plane 15
Fei Tao (Waseda Univ.)

14:20–15:20 Talk Invited by Complex Analysis Section

04-02-0001

- Kentaro Hirata (Hiroshima Univ.) Potential analysis regarding removability of singularities and asymptotic behavior of solutions to semilinear elliptic equations

15:40–16:50

04-01-0011

- 7 Hiroshige Shiga Thompson’s groups and Teichmüller modular groups of generalized Cantor sets (Part I) 15
(Osaka Metro. Univ./Sci. Tokyo*)

04-01-0012

- 8 Hiroshige Shiga Thompson’s groups and Teichmüller modular groups of generalized Cantor set (Part II) 15
(Osaka Metro. Univ./Sci. Tokyo*)

04-01-0017

- 9 Yoshihiko Shinomiya (Shizuoka Univ.) On curve graphs of hyperelliptic translation surfaces 15

04-01-0006

- 10 Hiromichi Ono (Kyoto Univ.) Uniform perfectness of the limit sets of conformal tree iterated function systems 15

September 2nd (Wed)

9:30–11:10

04-01-0001

- 11 Hidetaka Hamada Bohr–Rogosinski radius in complex Banach spaces 15
(Kyushu Sangyo Univ.*)
Tatsuhiro Honda (Senshu Univ.)
Mirela Kohr (Babeş -Bolyai Univ.)

04-01-0007

- 12 Takanori Ayano (Osaka Metro. Univ.) Degenerate limit of the abelian functions associated with a bielliptic hyperelliptic curve of genus 2 15

04-01-0014

- 13 Tadashi Takahashi b A computer algebraic study on plane sextic curves 15
(Hagoromo Univ. of Int. Stud.)

13 Complex Analysis

04-01-0016

- 14 Masanori Adachi (Shizuoka Univ.) Intermediate pseudoconvexity of fiber bundles 15
 Seungjae Lee
 (Kyungpook National Univ.)
 Aeryeong Seo
 (Kyungpook National Univ.)

04-01-0010

- 15 Takayuki Koike (Univ. of Tsukuba) Formal principle for line bundles on neighborhoods of an analytic subset
 of a compact Kähler manifold 15

04-01-0004

- 16 Takeo Ohsawa (Nagoya Univ.)^b On complete Kähler Riemann domains 15

13:00–14:00 Talk Invited by Complex Analysis Section

04-02-0002

- Atsushi Atsuji (Keio Univ.) Diffusion processes on Kähler manifolds and the value distribution of
 holomorphic maps —From the perspective of Itô analysis—

Functional Equations

September 1st (Tue)

9:00–12:00

05-01-0040

- 1 Saiei-Jaeyeong Matsubara-Heo Matroid hypergeometric systems 10
(Tohoku Univ.)
Simon Telen (MPI MiS)

05-01-0090

- 2 Yasuhisa Saito (Shimane Univ.) Delay placement and global stability in delayed Lotka–Volterra systems 10

05-01-0030

- 3 Tomoyuki Tanigawa Existence of oscillatory solutions and localization of zeros for forced
(Osaka Metro. Univ.) half-linear differential equations 10
Hiroyuki Usami (Gifu Univ.)
Jaroslav Jaroš (Comenius Univ.)

05-01-0034

- 4 Hiroyuki Usami (Gifu Univ.*) Multiplicities of local solutions of IVP's to forced half-linear ordinary
Tomoyuki Tanigawa differential equations 10
(Osaka Metro. Univ.)

05-01-0022

- 5 Wei Zheng (Heilongjiang Univ.) Stability sets for fractional differential equations with two delays 10
Hideaki Matsunaga
(Osaka Metro. Univ.)

05-01-0005

- 6 Kazuki Ishibashi (Shimane Univ.) Wintner-type asymptotic behavior for linear differential systems with a
proportional derivative controller 10

05-01-0038

- 7 Junya Nishiguchi Structural Origin of the Hale Bilinear Form: From the Viewpoint of
(Setsunan Univ./Tohoku Univ.) the Green and Lagrange Identities 10

05-01-0006

- 8 Hiroyuki Yamagishi The best constants of the Sobolev and the Sobolev-type inequalities
(Tokyo Metropolitan Coll. of Indus. Tech.) corresponding to forth order partial differential equation 10
Kohtaro Watanabe
(Nat. Defense Acad. of Japan)
Atsushi Nagai (Tsuda Coll.)

05-01-0007

- 9 Tetsutaro Shibata (Hiroshima Univ.*) Asymptotic behavior of bifurcation curves of nonlocal logistic equation
of population dynamics 10

05-01-0002

- 10 Ryuji Kajikiya Estimates of the best constant for the Sobolev–Poincaré inequality ... 10
(Osaka Electro-Comm. Univ.)
Mieko Tanaka (Tokyo Univ. of Sci.)
Satoshi Tanaka (Tohoku Univ.)

05-01-0003

- 11 Ryuji Kajikiya Partially symmetric solutions of the Hénon equation in unbounded
(Osaka Electro-Comm. Univ.) domains 10

05-01-0012

- 12 Tomoharu Kinoshita (Waseda Univ.) On the existence of vector solutions to nonlinear Schrödinger equations
Yohei Sato (Saitama Univ.) with weak three wave interaction 10

05-01-0074

- 13 Xiaojun Chang Normalized solutions for the nonlinear Schrödinger system with three
(Northeast Normal Univ.) wave interaction for the L^2 -supercritical case 10
Yuki Osada (Tokyo Univ. of Sci.)
Yohei Sato (Saitama Univ.)

05-01-0019

- 14 Yu Su (Anhui Univ. of Sci. and Tech.) Characterization of ground state solutions for Schrödinger–Poisson system with critical strength of interaction 10
Tatsuya Watanabe
 (Kyoto Sangyo Univ.)

14:15–16:30

05-01-0091

- 15 Naoki Hamamoto (Waseda Univ.) Hardy constant for vector fields on the ball 10

05-01-0083

- 16 Sho Katayama (Keio Univ.) Construction of boundary singular solutions to a semilinear elliptic equation 10
Weiwei Ao (Wuhan Univ.)
Juncheng Wei
 (Chinese Univ. of Hong Kong)

05-01-0087

- 17 Kenta Kumagai (Univ. of Tokyo) Bifurcation structure of semilinear elliptic equations in a ball 10

05-01-0008

- 18 Takashi Suzuki (Osaka Univ.) Onsager theory of point vortices —recursive hierarchy in relaxation time 5

05-01-0089

- 19 Reiri Miyamoto (Tokyo Univ. of Sci.) Existence and nonexistence of global-in-time solutions to semilinear heat equations with potentials and spatial weights 10

05-01-0044

- 20 Masamitsu Suzuki (Meiji Univ.) Local existence and nonexistence for fractional semilinear parabolic systems with singular initial data 10

05-01-0072

- 21 Yusuke Yamauchi Weighted gap conditions for minimal-time blow-up in semilinear heat equations 10
 (Hiroshima Inst. of Tech.)

05-01-0050

- 22 Kotaro Hisa (Fukuoka Univ.) Infinite time blow-up and slow decay for the six dimensional energy-critical heat equation with self-similarly decaying initial data 10
Jin Takahashi (Sci. Tokyo)
Erbol Zhanpeisov (Tohoku Univ.)

05-01-0051

- 23 Kotaro Hisa (Fukuoka Univ.) Non-uniqueness of positive solutions for supercritical semilinear heat equations without scale invariance 10
Yasuhito Miyamoto (Univ. of Tokyo)

05-01-0059

- 24 Yuri Soga (Tohoku Univ.) A classification of behaviors of solutions to a chemotaxis system in supercritical dimensions 10

05-01-0062

- 25 Yuri Soga (Tohoku Univ.) Asymptotic behaviors of solutions for aggregation-diffusion equations with nonlocal interaction 10
Grzegorz Karch (Univ. of Wrocław)

17:00–18:00 Talk Invited by Functional Equations Section

05-02-0004

- Kotaro Watanabe Applications of isometries on annuli and spheres to the shape evaluation problem of positive solutions for semilinear elliptic equations
 (Nat. Defense Acad. of Japan)

September 2nd (Wed)

9:00–12:00

05-01-0025

- 26 Yuta Koizumi (Waseda Univ.) Space-time analyticity for the parabolic-parabolic Keller–Segel–Navier–Stokes equations 10

05-01-0026

- 27 Yuta Koizumi (Waseda Univ.) Space-time analyticity for the parabolic-elliptic Keller–Segel–Navier–Stokes equations 5

05-01-0004

- 28 Khadijeh Baghaei (PIAIS) Boundedness in an indirect chemotaxis-consumption model with signal-dependent sensitivity 10
Yutaro Chiyo (Tokyo Univ. of Sci.)
Chihaya Machino (Tokyo Univ. of Sci.)
Tomomi Yokota (Tokyo Univ. of Sci.)

05-01-0001

- 29 Alessandro Columbu (Univ. of Cagliari) Finite-time blow-up in flux-limited chemotaxis systems with nonlinear
 Shohei Kohatsu (Tokyo Univ. of Sci.) signal production 10
 Monica Marras (Univ. of Cagliari)

05-01-0020

- 30 Tatsuya Hosono (Osaka Metro. Univ.) Global existence at critical mass for the parabolic-parabolic Keller–Segel
 system on the plane 10

05-01-0027

- 31 Hiroshi Wakui (Univ. of Fukui) Stability of the critical constant steady state of a drift-diffusion equation
 Nobuhito Miyake (Kyushu Univ.) 10
 Tetsuya Yamada
 (Fukui Nat. Coll. of Tech.)

05-01-0031

- 32 Takasi Senba (Kanagawa Univ.) Infinite time blow-up of solutions to the classical Keller–Segel system
 Yūki Naito (Hiroshima Univ.) in higher dimensions 10

05-01-0061

- 33 Kyogo Murai (Tohoku Univ.) Existence of global weak solutions to quasilinear Keller–Segel systems
 by minimizing movement in the weighted Wasserstein metrics 10

05-01-0035

- 34 Masakazu Yamamoto (Gunma Univ.) Nonlinear profiles of solutions to the drift-diffusion equation 10

05-01-0056

- 35 Naoto Kajiwara (Gifu Univ.) Solutions to a one-dimensional combustion-type free boundary problem
 Ken Furukawa (Univ. of Toyama) via maximal regularity 10
 Yoshikazu Giga (Univ. of Tokyo)

05-01-0077

- 36 Ken Furukawa (Univ. of Toyama) Solvability of the free boundary heat equation arising from the combus-
 Naoto Kajiwara (Gifu Univ.) tion problem 10
 Yoshikazu Giga (Univ. of Tokyo)

05-01-0009

- 37 Yu Ichida (Meiji Univ.) Minimal speed of unbounded traveling wave solutions for a certain 1D
 reaction-diffusion equation 10

05-01-0015

- 38 Kai Koike (Keio Univ.) Uniform null-controllability of the one-dimensional Allen–Cahn equa-
 Vincent Laheurte (Univ. Luxembourg) tion 10
 Franck Sueur (Univ. Luxembourg)

05-01-0068

- 39 Masahiko Shimojo Stability of traveling waves in non-cooperative systems with nonlocal
 (Tokyo Metro. Univ.) dispersal of general diffusivities 10
 Arnaud Ducrot
 (Univ. Le Havre Normandie)
 Jong-Shenq Guo (Tamkang Univ.)

05-01-0075

- 40 Ryo Ito (Kanagawa Univ.) Non-global unbounded traveling wave solutions of reaction-diffusion
 Hirokazu Ninomiya (Meiji Univ.) equations 10

13:00–14:00 Talk Invited by Functional Equations Section

05-02-0001

- Junichi Harada (Akita Univ.) Asymptotic behavior of solutions to the energy critical Fujita equation
 in 5D and 6D

September 3rd (Thu)

9:15–12:00

05-01-0016

- 41 Hillhorst Danielle (Paris-Saclay Univ.) Convergence to a self-similar solutions for a two phase Stefan problem
 Yasuhito Miyamoto (Univ. of Tokyo) with zero latent heat 10
 Kimie Nakashima
 (Tokyo Univ. of Marine Sci. and Tech.)

05-01-0058	42 Fuya Hiroi (Univ. of Tokyo)	Area-preserving curvature flow for open curves with general contact angles on skew lines	10
05-01-0065	43 Tatsuya Miura (Kyoto Univ.) Kensuke Yoshizawa (Nagasaki Univ.)	Stability of flat-core pinned p -elasticae	10
05-01-0084	44 Slim Ibrahim (Univ. of Victoria) Tatsuya Miura (Kyoto Univ.) Carlos Román (UC Chile) Ikkei Shimizu (Kyoto Univ.)	Phase transition thresholds and chiral magnetic fields of general degree	10
05-01-0078	45 Kotaro Motegi (Sci. Tokyo)	Dynamical instability of minimal surfaces	10
05-01-0086	46 Daichi Aoki (Waseda Univ.)	Interior Hölder estimates for fully nonlinear parabolic equations with superlinear gradient terms of subpolynomial growth	10
05-01-0052	47 Daichi Aoki (Waseda Univ.)	An intrinsic weak Harnack inequality for fully nonlinear elliptic equations with superlinear gradient terms	10
05-01-0060	48 Yoshiaki Kaiho (Tohoku Univ.)	Higher integrability for very weak solutions of higher-order elliptic equations with double phase growth	10
05-01-0082	49 Yuina Sato (Tohoku Univ.) ^b	Asymptotic behavior of viscosity solutions to parabolic p -Laplace equations of nondivergence form as $p \rightarrow \infty$ and its applications	10
05-01-0037	50 Xiaowen Wang (Waseda Univ.)	Hölder estimates on the gradient of viscosity solutions of degenerate Bellman type equations involving p -Laplacian type operators	10
05-01-0024	51 Qing Liu (Okinawa Inst. of Sci. and Tech. Grad. Univ.) Made Benny Prasetya Wiranata (Okinawa Inst. of Sci. and Tech. Grad. Univ.)	Stability for Monge solutions of eikonal equations in metric spaces . . .	10
05-01-0081	52 Keigo Morishita (Tohoku Univ.)	A rigorous computational proof of large-radius non-existence of the Dirichlet trapped mode	10
05-01-0013	53 Shun Tsuchida (Univ. of Osaka)	Well-posedness for NLS with nonlinear interior and boundary interactions in the half-space	10
14:15–16:30			
05-01-0032	54 Isamu Dôku (Saitama Univ.*) Shunya Hashimoto (Kyoto Univ.) Shuji Machihara (Saitama Univ.)	Exponential decay of L^2 -solutions to stochastic nonlinear Schrödinger equations driven by continuous martingales	10
05-01-0057	55 Noriyoshi Fukaya (Univ. of Shiga Pref.) Masayuki Hayashi (Kyoto Univ.)	Instability theory of stationary solutions for nonlinear Schrödinger equations	10
05-01-0055	56 Koichi Komada (Waseda Univ.) ^b	Scattering below the ground state for the mass-subcritical generalized Boussinesq equation	10
05-01-0064	57 Masaki Kawamoto (Okayama Univ.) Satoshi Masaki (Hokkaido Univ.) Hayato Miyazaki (Kagawa Univ.)	Global-in-time solutions and scattering for nonlinear Schrödinger equations with nonlinearities below the Strauss exponent	10
05-01-0045	58 Soichiro Katayama (Univ. of Osaka) Satoshi Masaki (Hokkaido Univ.)	Global existence and the asymptotic behavior for systems of derivative NLS equations under the bounded weak null gauge condition	10
05-01-0071	59 Yohei Yamazaki (Yamaguchi Univ.)	Linear stability of line solitary waves in two dimensional Fermi–Pasta–Ulam lattices	10

05-01-0088	60	Masaru Hamano (Kyoto Univ.) Hiroaki Kikuchi (Tsuda Coll.) Kenta Tomioka (Tsuda Coll.)	Instability of the Klein–Gordon–Schrödinger system	10
05-01-0047	61	Eiji Onodera (Kochi Univ.)	Local well-posedness for a fourth-order nonlinear dispersive system on the 1D torus	10
05-01-0041	62	Takuya Sato (Ehime Univ.) Naoyasu Kita (Kumamoto Univ.) Hayato Miyazaki (Kagawa Univ.)	Large-data L^2 -decay for attractive-dissipative nonlinear Schrödinger equations without the strong dissipative condition	10
05-01-0023	63	Toshiki Kondo (Hiroshima Univ.) Mamoru Okamoto (Hiroshima Univ.)	Norm inflation for quadratic derivative fractional nonlinear Schrödinger equations	10
05-01-0011	64	Sonae Hadama (Univ. of Osaka) Andrew Rout (Politecnico di Milano)	Optimal well-posedness of the cubic NLS system on the 1D torus	10

17:00–18:00 Talk Invited by Functional Equations Section

05-02-0002		Hiroshi Takeda (Fukuoka Univ.) ^b	Asymptotic behavior of elastic waves for large time	
------------	--	---	---	--

September 4th (Fri)

9:00–12:00

05-01-0053	65	Mishio Kawashita (Hiroshima Univ.) Wakako Kawashita (Hiroshima Univ.)	Asymptotic behavior of the indicator function in an inverse problem for the wave equation in media with cavities and inclusions	10
05-01-0054	66	Mishio Kawashita (Hiroshima Univ.) Wakako Kawashita (Hiroshima Univ.)	Analysis for inverse problems for active sonar type using modified asymptotic solutions	10
05-01-0029	67	Soichiro Katayama (Univ. of Osaka) Kyouhei Wakasa (Muroran Inst. of Tech.)	Lifespan of small solutions to semilinear hyperbolic systems in one space dimension	10
05-01-0042	68	Soichiro Katayama (Univ. of Osaka) Yoshinori Nishii (Univ. of Osaka) Kyouhei Wakasa (Muroran Inst. of Tech.)	A note on the decay estimates for weighted semilinear wave equations in one space dimension	10
05-01-0043	69	Soichiro Katayama (Univ. of Osaka) Satoshi Masaki (Hokkaido Univ.)	Global existence and the asymptotic behavior for systems of semilinear wave equations under the bounded weak null condition	10
05-01-0085	70	Fumihiko Hirosawa (Yamaguchi Univ.)	On the smoothness and oscillation of coefficients in for energy decay estimates of weak dissipative wave equations	10
05-01-0070	71	Taro Yamanoi (Tokyo Univ. of Sci.) Yusuke Sugiyama (Tokyo Univ. of Sci.)	Limit of the lifespan of classical solutions to 1D quasilinear wave equations	10
05-01-0033	72	Shunta Okajima (Tokyo Univ. of Marine Sci. and Tech.) Naofumi Mori (Tokyo Univ. of Marine Sci. and Tech.)	Decay property for the Timoshenko system with two types of weak damping	10
05-01-0067	73	Yoshihiro Ueda (Kobe Univ.) Shih-Hsien Yu (Academia Sinica)	Scalar viscous conservation law with time-shift coupled nonlinearity . .	10
05-01-0079	74	Kosuke Shibuya (Tohoku Univ.) ^b Masakazu Yamamoto (Gunma Univ.)	Nonlinear effects on the asymptotic expansion of the Burgers equation with the half Laplacian	10

05-01-0073

- 75 Yucong Huang (Sci. Tokyo) Asymptotic stability for the outflow problem of viscous, heat-conductive,
Shinya Nishibata (Sci. Tokyo) ideal polytropic gas 10
Akitaka Matsumura (Osaka Univ.*)

05-01-0014

- 76 Yoshiki Iida (Kyoto Univ.) Critical regularity approach to the two-dimensional compressible viscous
Keiichi Watanabe (Suwa Univ. of Sci.) surface wave equations 10

05-01-0017

- 77 Masashi Aiki (Tokyo Univ. of Sci.) Stability of the shape for circular vortex filaments under non-symmetric
Mitsuo Higaki (Kobe Univ.) perturbations 10

05-01-0018

- 78 Masashi Aiki (Tokyo Univ. of Sci.) Lyapunov unstable motion bifurcating from a circular vortex filament
Mitsuo Higaki (Kobe Univ.) 10

14:15–16:15

05-01-0063

- 79 Tomoaki Yoshizawa (Univ. of Tokyo) Global well-posedness and temporal decay estimates for the viscous
 β -plane equations 10

05-01-0021

- 80 Toi Fujimura (Tokyo Univ. of Sci.) Asymptotic behavior of solutions to the one-dimensional p -system with
Motohiro Sobajima time-dependent damping 10
(Tokyo Univ. of Sci.)

05-01-0039

- 81 Taiki Okazaki (Tohoku Univ.) Uniqueness of the sub-critical SQG without time-continuity assumption
..... 10

05-01-0036

- 82 Kento Sube (Waseda Univ.) Well-posedness of the MHD-Boussinesq equations in scaling invariant
Besov spaces via maximal Lorentz regularity 10

05-01-0066

- 83 Shiro Taniguchi (Waseda Univ.) A Liouville-type theorem for the stationary MHD equations in three
space dimensions 10

05-01-0049

- 84 Motofumi Aoki (Tokyo Univ. of Sci.) On a sufficient condition for conservation laws of 3D MHD equations in
a bounded domain 10

05-01-0048

- 85 Denghui Ren (Waseda Univ.) L^∞ bounds under Lorentz integrability conditions on external forces for
the 2D Navier–Stokes system 10

05-01-0046

- 86 Taiki Takeuchi (Kyushu Univ.) Decay rates of global solutions to the Navier–Stokes system in homoge-
neous Besov spaces 10

05-01-0076

- 87 Mikihiro Fujii (Nagoya City Univ.) Non-uniqueness for the Navier–Stokes equations in scaling Besov spaces
..... 10

05-01-0080

- 88 Lorenzo Brandolese (Univ. Lyon 1) Linear and nonlinear interaction of the incompressible dissipative Navier–
Takahiro Okabe (Yokohama Nat. Univ.) Stokes flow 10
Taku Yanagisawa (Waseda Univ.)

16:30–17:30 Talk Invited by Functional Equations Section

05-02-0003

- Kazuyuki Tsuda An approach to a moving boundary problem for the Navier–Stokes
(Kyushu Sangyo Univ.) equations in weighted function spaces

Real Analysis

September 3rd (Thu)

9:30–11:45

06-01-0004

- 1 Naoya Hatano (Univ. of Osaka) Local-type estimate for the mean oscillation of rearrangements 15

06-01-0023

- 2 Takashi Miyamoto (Osaka Kyoiku Univ.) On the r -integrability of non-strongly measurable functions taking values in Orlicz spaces 15
Hiroo Kita (Kagoshima Univ.*)
Naoko Ogata (Kobe Univ.)

06-01-0008

- 3 Ryota Kawasumi (Gunma Univ.) The boundedness of generalized fractional maximal operators on Orlicz and weak Orlicz spaces with respect to Hausdorff capacity 15

06-01-0019

- 4 Hiroki Saito (Nihon Univ.) Diagonal trace inequalities in Choquet–Lorentz spaces 15

06-01-0025

- 5 Gaku Sadasue (Osaka Kyoiku Univ.) Gagliardo–Nirenberg inequality for generalized fractional integrals on martingale Musielak–Orlicz and Musielak–Orlicz Hardy spaces 15
Eiichi Nakai (Ibaraki Univ.)
Satoshi Yamaguchi (Hitotsubashi Univ.)

06-01-0013

- 6 Yukino Tomizawa (Niigata Inst. of Tech.) A refinement of the triangle inequality in Busemann spaces and its extensions 15

06-01-0015

- 7 Ryoji Fukuda (Oita Univ.) Uniform structure of Shilkret function space $\mathcal{L}^1(Sh)$ 15
Aoi Honda (Kobe Univ.)
Yoshiaki Okazaki

06-01-0024

- 8 Jun Kawabe (Shinshu Univ.) Continuous Sugeno integral representation theorems in an abstract setting 15

14:15–15:25

06-01-0018

- 9 Kotaro Inami (SUSTech) Strichartz estimates for quasi-periodic functions: An arithmetic perspective 15

06-01-0010

- 10 Yanhan Chen (Kyoto Univ.) Weighted inequalities for variation operators associated with fractional Schrödinger semigroups 15

06-01-0020

- 11 Isamu Ohnishi (Hiroshima Univ.) A variational proof of the Ryu–Takayanagi formula in non-compact gauge theories from Lie-algebraic observable-dependent renormalization 15

06-01-0022

- 12 Isamu Ohnishi (Hiroshima Univ.) The universal bridge theorem: Spectral-geometric norm-expectation correspondence in compressed LA-ODR algebras 15

15:40–16:40 Talk Invited by Real Analysis Section

06-02-0001

- Naohito Tomita (Univ. of Osaka) On the boundedness of bilinear pseudo-differential operators

September 4th (Fri)

10:00–12:00

06-01-0011

- 13 Daisuke Kubota (Chiba Univ.) Large-time behavior for inhomogeneous pseudo-parabolic KWC systems with time-dependent coefficients 15
Naotaka Ukai (Chiba Univ.)
Ken Shirakawa (Chiba Univ.)
Daiki Mizuno (Waseda Senior High School)

06-01-0012

- 14 Naotaka Ukai (Chiba Univ.) A coupled system of a pseudo-parabolic PDE and a regularized 1-harmonic map-type flow with unknown-dependent anisotropy 15
 Ken Shirakawa (Chiba Univ.)

06-01-0009

- 15 Hana Kakiuchi (Japan Women's Univ.) Behavior of free boundaries to two-phase Stefan problems with time
 Toyohiko Aiki (Japan Women's Univ.) dependent latent heat term 15

06-01-0017

- 16 Kouta Araki (Nihon Univ.) Long-time behavior of the dissipation function for a nonlinear Fokker-
 Masashi Mizuno (Nihon Univ.) Planck model with inhomogeneous diffusion and numerical observation
 15

06-01-0002

- 17 Kiyoshi Nakashima Refined existence results for a porous medium type equation with
 (Tokyo Univ. of Sci.) Neumann boundary condition 15
 Tomomi Yokota (Tokyo Univ. of Sci.)

06-01-0001

- 18 Osuke Shibata (Tokyo Univ. of Sci.) Global existence and uniqueness of weak solutions to volume-filling
 chemotaxis systems with source terms 15

06-01-0003

- 19 Yutaro Chiyo (Tokyo Univ. of Sci.) Global boundedness and large-time behavior in a viscous Burgers equa-
 Shusuke Harashima tion with time delay 15
 (Tokyo Univ. of Sci.)
 Tomomi Yokota (Tokyo Univ. of Sci.)

14:15–15:45

06-01-0007

- 20 Chiharu Kosugi (Yamaguchi Univ.) Existence of weak solutions for the elastic curve model generated by
 Toyohiko Aiki (Japan Women's Univ.) the free energy depending on the curvature 15

06-01-0016

- 21 Yoshiho Akagawa (Kyoto Univ. of Edu.) An evolution inclusion for an elasto-plastic model with a plastic-strain-
 Kazunori Matsui dependent constraint 15
 (Tokyo Univ. of Marine Sci. and Tech.)

06-01-0005

- 22 Takeshi Fukao (Ryukoku Univ.) Permeability parameter asymptotics in a Cahn–Hilliard equation with
 Pierluigi Colli (Univ. di Pavia) Robin boundary conditions 15
 Kei Fong Lam
 (Hong Kong Baptist Univ.)

06-01-0021

- 23 Isamu Ohnishi (Hiroshima Univ.) A universal constraint for relaxation rates in infinite-dimensional quan-
 tum Markov semigroups: Gaussian systems and complete positivity
 beyond finite dimensions 15

06-01-0006

- 24 Naoki Tanaka (Shizuoka Univ.) Mild solutions for dissipative operators in metric spaces with an admis-
 sible family of geodesics 15

16:00–17:00 Talk Invited by Real Analysis Section

06-02-0002

- Yuya Tanaka (Kwansei Gakuin Univ.) Behavior of solutions to chemotaxis systems with growth and damping
 terms

Functional Analysis

September 1st (Tue)

9:30–10:30

07-01-0001

- 1 Shuji Watanabe (Gunma Univ.* / Sanjo City Univ.) An operator-theoretical treatment of the BCS gap equation with a uniform external magnetic field and a function potential 15

07-01-0002

- 2 Wataru Ichinose (Shinshu Univ.) A formulation of the propagator approach to quantum electrodynamics via Feynman path integrals 15

07-01-0010

- 3 Shosuke Omori (Hosei Univ.) Rigged Hilbert space formulation for a quasi-Hermitian operator in composite system II 15

07-01-0011

- 4 Shinichi Arita (Univ. of Tokyo) Algebraic radiation condition for the massless Dirac–Helmholtz equation 15
Kenichi Ito (Kobe Univ.)

14:20–15:30

07-01-0019

- 5 Itaru Sasaki (Shinshu Univ.) Representation theory of canonical commutation relations arising from the quantization of the Klein–Gordon equation with an external potential 15
Akito Suzuki (Komatsu Univ.)
Yasumichi Matsuzawa (Shinshu Univ.)

07-01-0027

- 6 Masaki Kawamoto (Okayama Univ.) On Schrödinger operators with an inverse-square potential and a time-dependent harmonic oscillator 15
Atsuhide Ishida (Tokyo Univ. of Sci.)

07-01-0030

- 7 Masato Ito (Ritsumeikan Univ.) Splitting of low-lying eigenvalues for a wedge-shaped symmetric double well 15

07-01-0031

- 8 Yuta Kawamura (Ritsumeikan Univ.) Propagation of semiclassical wave front sets for non-self-adjoint matrix-valued pseudo-differential operators 15

15:45–16:45 Talk Invited by Functional Analysis Section

07-02-0002

- Setsuro Fujiie (Ritsumeikan Univ.) A remark on the Weyl law of the quantum resonances

September 2nd (Wed)

10:00–10:30

07-01-0021

- 9 Kenji Taniguchi (Aoyama Gakuin Univ.) Self-adjoint properties of the standard Whittaker $(\mathfrak{g}, K)$ -modules 15

07-01-0025

- 10 Toshihisa Kubo (Ryukoku Univ.) On the K -type decomposition of the kernel of Kable’s Heisenberg operator 15

10:45–11:45 Talk Invited by Functional Analysis Section

07-02-0001

- Yosuke Morita (Kyushu Univ.) Geometry of proper actions on homogeneous spaces

13:00–14:00

07-01-0008

- 11 Ayoub Hafid (Univ. of Tokyo) Notions of a noncommutative coarse metric geometry 15

07-01-0026

- 12 Akihiro Miyagawa (Kyoto Univ.) The spectra of polynomials in free random variables 15

07-01-0014

- 13 Naoto Fujitsu (Univ. of Osaka) Singular value functions for C^* -algebras 15

07-01-0029

- 14 Hyuga Ito (Nagoya Univ.) NC functions over the nc Grassmannian 15

September 3rd (Thu)

9:30–12:00

07-01-0024

- 15 Masatoshi Ito (Maebashi Inst. of Tech.) On weighted means including the weighted power difference and Stolarsky means 15

07-01-0007

- 16 Hiroki Shudo (Ritsumeikan Univ.) Some inequalities for matrix means and positive linear maps 15

07-01-0009

- 17 Yuki Seo (Osaka Kyoiku Univ.) Estimation of bounds among three rescaled Rényi divergences 15

07-01-0006

- 18 Takeaki Yamazaki (Toyo Univ.) On the Ando–Hiai property for spectral geometric means 15
Yuki Seo (Osaka Kyoiku Univ.)
Shuhei Wada
(Nat. Inst. of Tech., Kisarazu Coll.)

07-01-0017

- 19 Rui Okayasu (Osaka Kyoiku Univ.) Geometric mean of completely positive maps 15

07-01-0018

- 20 Rui Okayasu (Osaka Kyoiku Univ.) Lebesgue-type decomposition of completely positive maps 15

07-01-0005

- 21 Takuya Takeishi (Kyoto Inst. Tech.) Boundary actions of outer automorphism groups of Thompson-like groups 15

07-01-0028

- 22 Fuyuta Komura (Kyushu Inst. of Tech.) Cartan-preserving *-automorphism groups: realization and obstructions for compact abelian groups 15

12:15–12:45 Presentation Ceremony for the 2026 MSJ Analysis Prize**14:15–16:30**

07-01-0013

- 23 Yosuke Kubota (Kyoto Univ./RIKEN) Second quantization and invertible topological phases 15

07-01-0004

- 24 Yusuke Isono (Kyoto Univ.) Cocycle perturbations and ergodicity for actions on type III factors 15

07-01-0003

- 25 Hiroshi Ando (Chiba Univ.) Model theory and Connes' bicentralizer problem 15
Isaac Goldbring
(Univ. of California Irvine)

07-01-0022

- 26 Natsumi Shibata (Niigata Univ.) Norm additive maps between the positive cones of continuous function algebras I 15
Takeshi Miura (Niigata Univ.)

07-01-0023

- 27 Natsumi Shibata (Niigata Univ.) Norm additive maps between the positive cones of continuous function algebras II 15
Takeshi Miura (Niigata Univ.)

07-01-0020

- 28 Kazuki Ezumi (Niigata Univ.) A variant of Tingley's problem for positive unit spheres of continuous functions that vanish at infinity 15
Min-Ruei Lin
(National Sun Yat-sen Univ./Niigata Univ.)
Takeshi Miura (Niigata Univ.)

07-01-0015

- 29 Katsuhisa Koshino (Kanagawa Univ.) Isometries between function spaces consisting of uniformly continuous and Lipschitz continuous pseudometrics 15

07-01-0016

- 30 Katsuhisa Koshino (Kanagawa Univ.) A variant of Tingley's problem on spaces of metrics 10

16:45–17:45 Talk Invited by Functional Analysis Section

07-02-0003

- Isao Ishikawa (Kyoto Univ.)^b Dynamical rigidity of maps inducing bounded composition operators

Statistics and Probability

September 1st (Tue)

9:30–12:00

- [08-01-0017](#)
1 Yoshihiro Tawara (Naragakuen Univ.) On the tightness of resolvents satisfying intrinsic ultracontractivity ... 15
- [08-01-0014](#)
2 Kaneharu Tsuchida (Nat. Defense Acad. of Japan) Critical spectral behavior and large deviations for geometric α -stable processes ... 15
- [08-01-0023](#)
3 Toshihiro Uemura (Kansai Univ.) Non-symmetric perturbation of a lower bounded closed form ... 15
- [08-01-0004](#)
4 Takumu Ooi (Tokyo Univ. of Sci.) Subcriticality of subordinated Schrödinger operators and their application to wave equations ... 15
Motohiro Sobajima (Tokyo Univ. of Sci.)
- [08-01-0012](#)
5 Masanori Hino (Kyoto Univ.) Regularity and irregularity of energy densities on Sierpinski gaskets
Kanji Inui (Doshisha Univ.)
Kohei Nitta
- [08-01-0038](#)
6 Hirotaka Kai (Shimane Univ.) On the exit probability estimates for horizontal Lévy processes on manifolds ... 15
- [08-01-0039](#)
7 Sebastian Andres (TU Braunschweig) Two-sided heat kernel bounds for $\sqrt{8/3}$ -Liouville Brownian motion ... 15
Naotaka Kajino (Kyoto Univ.)
Konstantinos Kavvadias (MIT)
Jason Miller (Univ. of Cambridge)
- [08-01-0040](#)
8 Hiroshi Kawabi (Keio Univ.) On second-level translations of Gaussian rough paths and the absence of log-derivatives ... 15
Zhongmin Qian (Univ. Oxford)
- [08-01-0006](#)
9 Makoto Nakashima (Nagoya Univ.) Strict positivity of self-intersection local time ... 15
Seiichiro Kusuoka (Kyoto Univ.)
Daisuke Shiraishi (Kyoto Univ.)

14:15–15:15 Talk Invited by Statistics and Probability Section

- [08-02-0001](#)
Hayate Suda (Tohoku Univ.) Scaling limits of solitons in the randomized box-ball system

15:30–16:30 Talk Invited by Statistics and Probability Section

- [08-02-0004](#)
Stefan Junk (Gakushuin Univ.) The phase transition for the directed polymer model in higher dimensions

September 2nd (Wed)

9:10–12:00

- [08-01-0008](#)
10 Kyo Yamazaki (Univ. of Osaka) A norm equivalence result for stochastic differential equations with locally Lipschitz coefficients ... 15
- [08-01-0019](#)
11 Shigeyoshi Ogawa (Ritsumeikan Univ.) Comparison theorems for solutions of noncausal SDEs ... 15
- [08-01-0021](#)
12 Dai Taguchi (Kansai Univ.) Euler–Maruyama scheme with unbounded Hölder drift ... 15
Tsukasa Moritoki (Okayama Univ.)
- [08-01-0020](#)
13 Masaaki Fukasawa (Univ. of Osaka) Yet another asymptotic formula for implied volatility ... 15

08-01-0024	14 <u>Atsushi Takeuchi</u> (Tokyo Woman's Christian Univ.) Anna Nihei (Tokyo Woman's Christian Univ.)	Limit theorems on subordination of random walks	15
08-01-0015	15 <u>Nobuaki Naganuma</u> (Kumamoto Univ.) Kaito Yura (Kumamoto Univ.)	Elephant random walks on coverings of dipole graphs	15
08-01-0013	16 <u>Yuya Arima</u> (Nagoya Univ.)	Lyapunov exponent of quadratic maps	15
08-01-0028	17 <u>Yuki Ueda</u> (Hokkaido Univ. of Edu.) Shuhei Tsujie (Hokkaido Univ. of Edu.)	Convolution on the formal power series ring interpolating between finite free and classical probability	15
08-01-0018	18 <u>Makoto Maejima</u> (Keio Univ.*) <u>Noriyoshi Sakuma</u> (Univ. of Osaka)	Linear fractional free stable motions and selfsimilar free stable processes	10
08-01-0037	19 <u>Yoshinori Kamijima</u> (Toyo Univ.) Akira Sakai (Hokkaido Univ.)	Lace expansion for the quantum Ising model	15
08-01-0022	20 <u>Shuta Nakajima</u> (Keio Univ.)	Uniqueness of replica-symmetric saddle point in perceptron model	10

12:00–12:30 Research Section Assembly

September 3rd (Thu)

9:20–12:00

08-01-0003	21 <u>Shintaro Hashimoto</u> (Hiroshima Univ.)	On invariant moment matching priors for prediction problem	15
08-01-0002	22 <u>Yuzo Maruyama</u> (Chiba Univ.) Akimichi Takemura (Shiga Univ.)	Strictly positive-part James–Stein estimators with guaranteed dominance	15
08-01-0027	23 <u>Naoki Nakada</u> (Tokyo Univ. of Sci.) Satoru Sinoda (Yokohama City Univ.) Kouji Tahata (Tokyo Univ. of Sci.) Sadao Tomizawa (Tokyo Univ. of Sci.)	A measure of departure from independence for intraclass contingency tables	15
08-01-0001	24 <u>Shunsuke Shiraishi</u> (Hiroshima Inst. of Tech.) Tsuneshi Obata (Otomon Gakuin Univ.)	On a maximization problem arising from low-dimensional positive reciprocal matrices in AHP: Uniqueness of the solution	10
08-01-0016	25 <u>Teruo Tanaka</u> (Hiroshima City Univ.)	Randomized and sufficient classes for multiparameter discrete time optimal stopping problems	15
08-01-0035	26 <u>Toshiharu Fujita</u> (Kyushu Inst. of Tech.)	Max-add criterion in diverging Markov decision process —A posteriori conditional expectation—	15
08-01-0005	27 <u>Masato Shimokawa</u> <u>Kou Fujimori</u> (Shinshu Univ.)	Identification and estimation of structural vector autoregressive models via LU decomposition	15
08-01-0010	28 <u>Shohei Nakajima</u> (Tokyo Univ. of Sci.) Mitsuki Kobayashi (Seikei Univ.)	Parameter estimation for open quantum systems from multiple quantum trajectories	15
08-01-0033	29 <u>Masaaki Fukasawa</u> (Univ. of Osaka) <u>Haruki Tomita</u> (Univ. of Osaka)	A quasi maximum likelihood estimation method for Bergomi-type volatility models	15
08-01-0031	30 <u>Shogo Nakakita</u> (Univ. of Osaka) Pierre Alquier (ESSEC Business School) Masaaki Imaizumi (Univ. of Tokyo)	Dimension-free statistical bounds on dynamic guidance scale learning for diffusion models	15

14:15–15:15 Talk Invited by Statistics and Probability Section

08-02-0002

Shun Matsuura (Keio Univ.) Best equivariant estimation in seemingly unrelated regression models

15:30–16:30 Talk Invited by Statistics and Probability Section

08-02-0003

Kengo Fujisawa (Tokyo Univ. of Sci., Yamaguchi) Recent developments in modeling for multi-way contingency tables

September 4th (Fri)

9:30–12:00

08-01-0025

31 Riku Hosonuma (Tokyo Univ. of Sci.) A test for sub-mean vectors in high dimension 15

Tamae Kawasaki

(Aoyama Gakuin Univ.)

Takashi Seo (Tokyo Univ. of Sci.)

08-01-0007

32 Kou Fujimori (Shinshu Univ.) Asymptotically normal estimators in high-dimensional linear regressionKoji Tsukuda (Kyushu Univ.) 15

08-01-0030

33 Tetsuya Umino (Univ. of Tsukuba) Data transformation method using automatic sparse PCA under the
Kazuyoshi Yata (Univ. of Tsukuba) strongly spiked eigenvalue model 15Makoto Aoshima (Univ. of Tsukuba)

08-01-0032

34 Kento Egashira (Tokyo Univ. of Sci.) Asymptotic properties of kernel hierarchical clustering for high-dimensional
Yota Takao (Tokyo Univ. of Sci.) data 15

08-01-0029

35 Yota Takao (Tokyo Univ. of Sci.) Classification of dendrograms constructed from high-dimensional data
Kento Egashira (Tokyo Univ. of Sci.) and asymptotic properties of the single-linkage clustering 15

08-01-0009

36 Yuki Ohno (Tokyo Univ. of Sci.) A minimal extension of the Bradley–Terry model for paired comparison
Kouji Tahata (Tokyo Univ. of Sci.) data with cyclic dominance 15

08-01-0011

37 Takato Hashino (Kyushu Univ.) Asymptotic bias of plug-in estimators for Shannon entropy under regular
Koji Tsukuda (Kyushu Univ.) variation in occupancy problems 15

08-01-0026

38 Ayaka Yagi (Hosei Univ.) T^2 -type and LR test statistics for testing the adequacy in growth curve
Takashi Seo (Tokyo Univ. of Sci.) model with two-step monotone missing data 15

08-01-0034

39 Taisei Yamamoto (Kobe Pharm. Univ.) Asymptotic distribution of Mardia's sample skewness based on mono-
Masashi Hyodo (Kanagawa Univ.) tone missing data 15Nobumichi Shutoh

(Kobe Pharm. Univ./Kobe Univ.)

Applied Mathematics

September 1st (Tue)

9:00–12:10

09-01-0022

- 1 Taisuke Hosaka (Yokohama Nat. Univ.)
Etsuo Segawa (Yokohama Nat. Univ.)

Analysis of the quantum walk induced by an edge cut set 15

09-01-0004

- 2 Xinmiao Zhang (Ritsumeikan Univ.)
Jiro Akahori (Ritsumeikan Univ.)
Norio Konno
(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)
Iwao Sato (Oyama Nat. Coll. of Tech.)
Shinya Fujita (Yokohama City Univ.)

Bipartite walks on even stars 15

09-01-0034

- 3 Tatsuya Tsurii
(Tokyo Univ. of Information Sci.)
Naoharu Ito (Nara Univ. of Edu.)

On periodicity of the n state Grover walk on a complete bipartite graph $K_{n,n}$ and its group structure behind that walk 15

09-01-0024

- 4 Kohei Tanaka (Shinshu Univ.)

Quillen's theorem A for persistence finite posets 15

09-01-0031

- 5 Ryo Uchiumi (Univ. of Osaka)

Equivariant version of characteristic quasi-polynomials of root systems 15

09-01-0066

- 6 Kosuke Minami (Kobe Univ.)
Hideki Matsumura
(Tokyo Metro. Univ.)
Teruyuki Mishima
(Accenture Japan Ltd)
Masanori Sawa (Kobe Univ.)

Hausdorff construction and combinanalytic identities I: Extension to classical orthogonal polynomials 15

09-01-0068

- 7 Hideki Matsumura
(Tokyo Metro. Univ./Keio Univ.)
Kosuke Minami (Kobe Univ.)
Teruyuki Mishima
(Accenture Japan Ltd)
Masanori Sawa (Kobe Univ.)

Hausdorff construction and combinanalytic identities II —Connection to binomial coefficients and convex algebraic geometry 15

09-01-0048

- 8 Ziao Quan (Kobe Univ.)
Joao Lucas Borba Boccazio
(Kobe Univ.)
Masanori Sawa (Kobe Univ.)

On equidistant codes with the wildcard symbol * 15

09-01-0027

- 9 Takuya Saito (Hokkaido Univ.)
Norihiro Nakashima
(Nagoya Inst. of Tech.)
Koji Imamura (Kyushu Univ.)

On the periodicity of the weight distribution of linear code with integer coefficients 15

09-01-0030

- 10 Shohei Satake (Fukuoka Univ.)

On quasi-perfect Lee codes from abelian Ramanujan graphs 15

09-01-0047

- 11 Xiao-Nan Lu (Gifu Univ.)
Teruyuki Mishima
(Accenture Japan Ltd)
Masanori Sawa (Kobe Univ.)
Yukihiro Uchida (Tokyo Metro. Univ.)

On explicit constructions of rational interval designs II 15

09-01-0016

- 12 Mariko Hagita (Ochanomizu Univ.)

Covering problems in difference sets and projective planes 15

14:15–15:15 Talk Invited by Applied Mathematics Section

09-02-0003

- Hirotake Kurihara (Yamaguchi Univ.) Finite combinatorial structures underlying multivariate orthogonal polynomials

15:25–16:50

09-01-0036

- 13 Kumi Kobata (Kindai Univ.) Rooted tree polylogarithms 15
 Tatsushi Tanaka (Kyoto Sangyo Univ.)
 Noriko Wakabayashi
 (Osaka Electro-Comm. Univ.)

09-01-0019

- 14 Naoki Kimura (Tokyo Univ. of Sci.) Complexity of non-intrinsically knotted graphs and Legendrian spatial embeddings 15

09-01-0012

- 15 Kazuhiro Ichihara (Nihon Univ.) The half-monochromatic colorings of plane graphs with even polygonal faces 10
 Yuha Tamura (Nihon Univ.)

09-01-0038

- 16 Kenta Noguchi (Tokyo Univ. of Sci.) The thickness of the Cartesian product of a complete graph and a path 15

09-01-0001

- 17 Kiyoshi Yoshimoto (Nihon Univ.) Properly colored Hamilton paths and spanning trees in edge-colored multipartite graphs 15
 Yuya Iwazaki (Nihon Univ.)

17:00–18:00 Award Lecture for the 2025 Applied Mathematics Prize

09-02-0001

- Akira Saito (Nihon Univ.) Preorder induced by rainbow forbidden subgraphs

September 2nd (Wed)

9:00–12:00

09-01-0050

- 18 Takahiro Ueoro (Yokohama Nat. Univ.) On graphs without cycles of length 0 modulo 3 or 4 modulo 6 15

09-01-0007

- 19 Masaki Kashima (Keio Univ.) Grünbaum's conjecture on longest cycles of graphs 15
 Kenta Ozeki (Yokohama Nat. Univ.)
 Leilei Zhang (Yokohama Nat. Univ.)

09-01-0067

- 20 Masahiro Sanka (Tokyo Univ. of Sci.) Toughness, collections of cycles covering all vertices and Hamiltonian k -factors in split graphs 15

09-01-0054

- 21 Kenta Ozeki (Yokohama Nat. Univ.) A domination number condition for line graphs of 3-hypergraphs to have a Hamiltonian cycle 10
 Leilei Zhang (Yokohama Nat. Univ.)

09-01-0060

- 22 Katsuhiko Ota (Keio Univ.) A Chvátal–Erdős condition for 2-connected $[2, b]$ -factors of small size 15
 Kenta Ozeki (Yokohama Nat. Univ.)
 Tomoki Yamashita (Kindai Univ.)

09-01-0035

- 23 Kosei Watanabe (Nagoya Univ.) Determinant formulas of Ihara zeta functions of some digraphs using simple cycles 15

09-01-0039

- 24 Riki Kitano (Ritsumeikan Univ.) Walk/zeta correspondence for quantum walks on path graphs 15
 Jiro Akahori (Ritsumeikan Univ.)
 Norio Konno
 (Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)
 Iwao Sato (Oyama Nat. Coll. of Tech.)

09-01-0023

- 25 Chengdian Chen (Nihon Univ.) Eigenspaces for a cycle graph with self-loops and a long range edge
Yusuke Ide (Nihon Univ.) 15
Kei Saito (Nihon Univ.)
Satoshi Watanabe
(KDDI Research, Inc.)

Norio Konno

(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)

09-01-0045

- 26 Natsuki Tsuka (Ritsumeikan Univ.) Comparison of behavior of prime walks and random walks 15
Jiro Akahori (Ritsumeikan Univ.)
Ray Aoki (Ritsumeikan Univ.)
Taro Hayashi (Ritsumeikan Univ.)
Norio Konno
(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)

09-01-0062

- 27 Akihiro Narimatsu (Kanagawa Univ.) A study on random walks reproducing the probability distributions of
Kouchiro Hiraki (Kanagawa Univ.) quantum walks with defects 15
Daiya Midou (Kanagawa Univ.)

09-01-0065

- 28 Kei Saito (Nihon Univ.) Path counting method for Golden random/quantum walks 10
Shota Matsushita (Nihon Univ.)

09-01-0049

- 29 Kei Saito (Nihon Univ.) Revisiting quantum search algorithms via random walks 15
Yusuke Ide (Nihon Univ.)
Satoshi Watanabe
(KDDI Research, Inc.)
Norio Konno
(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)

13:00–14:00

09-01-0040

- 30 Rikuki Okamoto (Ritsumeikan Univ.) Spectral analysis and properties of the Grover walk on a complete graph
Akahori Jiro (Ritsumeikan Univ.) with self-loops 15
Konno Norio
(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)
Sato Iwao (Oyama Nat. Coll. of Tech.)
Nagata Nino (Ritsumeikan Univ.)
Mukai Yunosuke (Ritsumeikan Univ.)
Tsuri Tatsuya
(Tokyo Univ. of Information Sci.)

09-01-0057

- 31 Daisuke Sato (Nihon Univ.) Periodicity of Grover walks on strongly Deza graphs 15
Kei Saito (Nihon Univ.)

09-01-0058

- 32 Nino Nagata (Ritsumeikan Univ.) Deterministic reduction and orthogonal local statistics for Grover walks
Akahori Jiro (Ritsumeikan Univ.) on random lifts 15
Konno Norio
(Ritsumeikan Univ./Yokohama Nat. Univ.*/Nihon Univ.)
Sato Iwao (Oyama Nat. Coll. of Tech.)
Suzuki Ryoichi (Tokyo Univ. of Sci.)
Yuma Tamura (Tokyo Univ. of Sci.)
Yunosuke Mukai (Ritsumeikan Univ.)

09-01-0044

- 33 Sho Kubota (Aichi Univ. of Edu.) Arc search in graphs via Szegedy walks 15
Kiyoto Yoshino (Toho Univ.)

September 3rd (Thu)

9:30–12:00

09-01-0051

- 34 Isamu Ohnishi (Hiroshima Univ.) Algebraic variational framework for robust entanglement in driven-dissipative Kerr resonators: Foundations for integrated photonic quantum technologies 10

09-01-0052

- 35 Isamu Ohnishi (Hiroshima Univ.) Lie-algebraic observable-dependent renormalization with transactional handshakes: Advanced/retarded observable sectors and bidirectional RG flows in open quantum systems 10

09-01-0056

- 36 Ville Syrjaenen On the maximum ionization problem's constant for Hartree–Fock 15
(Kyoto Univ. of Adv. Sci.)

09-01-0020

- 37 Satoshi Yamaguchi (Hitotsubashi Univ.) Large-scale numerical experiments on Hardy conjecture for the Gauss
Fujima Shoichi (Ibaraki Univ.) circle problem 15
Kuratsubo Shigehiko (Hirosaki Univ.*)
Eiichi Nakai (Ibaraki Univ.)
Yoneda Tsuyoshi (Hitotsubashi Univ.)

09-01-0021

- 38 Tomohiro Washino Computation of learning coefficients in the singular regions 15
(Nat. Inst. of Tech., Nara Coll.)
Tadashi Takahashi
(Hagoromo Univ. of Int. Stud.)

09-01-0009

- 39 Kota Ikeda (Meiji Univ.) Periodic solution in a difference-differential equation derived from the
Tomoyuki Miyaji (Kyoto Univ.) optimal velocity model 15

09-01-0046

- 40 Masato Kimura (Kanazawa Univ.) Hidden symmetry and positive definiteness of spring-block approxima-
Oussama Ounissi (Kanazawa Univ.) tions derived from P1-FEM for 2D/3D linear elasticity 15
Hirofumi Notsu (Kanazawa Univ.)

09-01-0069

- 41 Hirofumi Notsu (Kanazawa Univ.) Error estimates for Lagrange–Galerkin moving mesh methods for the
Kharisma Surya Putri one-dimensional convection-diffusion equation 15
(Kanazawa Univ.)
Niklas Kolbe (RWTH Aachen Univ.)
Tasuku Suzuki (Kanazawa Univ.)

09-01-0026

- 42 Yixuan Chen (Univ. of Osaka) A GPU-accelerated micropolar δ^+ -SPH framework with enhanced par-
Qiran Shao (Univ. of Osaka) ticle shifting for complex fluid dynamics 15
Yoshie Sugiyama (Univ. of Osaka)

14:15–16:15

09-01-0043

- 43 Makoto Okumura (Konan Univ.) A structure-preserving scheme for the Allen–Cahn equation with dy-
namic boundary conditions using the SBP–SAT method 15

09-01-0053

- 44 Takiya Tsuchiya (Meiji Gakuin Univ.) Structure-preserving numerical calculations of the Klein–Gordon–Proca
Makoto Nakamura (Univ. of Osaka) system with a nonlinear interaction term 15

09-01-0059

- 45 Katsuyuki Ishii (Kobe Univ.) Time periodic solutions of mean curvature flow equation with bilateral
Shigeaki Koike (Waseda Univ.) obstacles 15
Takeshi Ohtsuka (Tokyo Univ. of Sci.)

09-01-0064

- 46 Haruka Nakamura (Univ. of Tokyo) On a monotone scheme for Hamilton–Jacobi–Bellman equations and its
convergence 15

09-01-0033		
47	<u>Tetsuya Ishiwata</u> (Shibaura Inst. of Tech.) Junya Nishiguchi (Setsunan Univ./Tohoku Univ.)	Blow-up of solutions induced by state-dependent delays 15
09-01-0017		
48	Hiroshi Ishii (Hokkaido Univ.)	Boundary-induced nonlocal kernels generated by reaction-diffusion systems on the half-line 15
09-01-0032		
49	<u>Yui Nagayama</u> (Hokkaido Univ.) Masaharu Nagayama (Hokkaido Univ.) Hiroshi Ishii (Hokkaido Univ.)	Bifurcation and multistability in a reaction-diffusion equation with nonlocal advection 15

16:30–17:30 Talk Invited by Applied Mathematics Section

09-02-0004	Sohei Tasaki (Hokkaido Univ.)	Mathematics of bacterial community formation
------------	-------------------------------	--

September 4th (Fri)

9:30–12:00

09-01-0013		
50	<u>Yoshitaka Watanabe</u> (Kyushu Univ.) Kenta Kobayashi (Hitotsubashi Univ.)	Efficient numerical verification procedure of norm bound for infinite-dimensional differential operator with singular term 15
09-01-0005		
51	<u>Shinya Miyajima</u> (Tohoku Univ.) Amir Sadeghi (Islamic Azad Univ.)	Numerical computation of the complementary error matrix function 15
09-01-0037		
52	<u>Takuya Tsuchiya</u> (Osaka Univ./Ehime Univ.*) Kenta Kobayashi (Hitotsubashi Univ.)	Error analysis of Raviart–Thomas interpolation on anisotropic simplicial elements 15
09-01-0055		
53	Shoya Motonaga (Kyushu Inst. of Tech.) <u>Akitoshi Takayasu</u> (Univ. of Tsukuba)	Computer-assisted existence proofs for star-shaped periodic solutions of a system of delay differential equations 15
09-01-0061		
54	<u>Koichi Anada</u> (Waseda Univ. Senior High School) Tetsuya Ishiwata (Shibaura Inst. of Tech.) Takeo Ushijima (Tokyo Univ. of Sci.)	A Remark on radially symmetric self-similar solutions of a quasilinear parabolic partial differential equation 15
09-01-0018		
55	Kaname Matsue (Kyushu Univ.)	Correspondence between dynamics at infinity and asymptotic-expansion structures for oscillatory blow-up solutions 15
09-01-0070		
56	Kazuyuki Yagasaki (Kyoto Univ.*)	Definition of integrability of diffeomorphisms 15
09-01-0071		
57	Kazuyuki Yagasaki (Kyoto Univ.*)	Linearization and integrability of diffeomorphisms 15
09-01-0063		
58	<u>Yuki Ishihara</u> (Teikyo Univ.) Masaki Nakamiya (Teikyo Univ.)	Reconsidering the structure of rotation: From systems to processes 12

14:15–16:15

09-01-0008		
59	<u>Masumi Kondo</u> (Okayama Univ. of Sci.) Masakazu Onitsuka (Okayama Univ. of Sci.)	Conditional Ulam stability for fish growth model with Allee effect 15

09-01-0014

- 60 Masaharu Nagayama (Hokkaido Univ.) Mathematical modeling of bacterial colony formation 15
Sohei Tasaki (Hokkaido Univ.)
Madoka Nakayama (Sci. Tokyo)
Shugo Uokawa (Hokkaido Univ.)
Keisuke Naya (Hokkaido Univ.)

09-01-0041

- 61 Zexu Li (Hokkaido Univ.) Mathematical analysis of ring formation driven by bacterial trophotaxis 15
Madoka Nakayama (Sci. Tokyo)
Changwook Yoon
 (Chungnam National Univ.)
Sohei Tasaki (Hokkaido Univ.)

09-01-0006

- 62 Tomoki Okamoto (Musashino Univ.) Monotonicity of two eigenvalues arising from a nonlocal term in a
Tatsuki Mori (Musashino Univ.) linearized eigenvalue problem for a 1D phase-field model 15

09-01-0011

- 63 Riku Watanabe (Hokkaido Univ.) Geometry-induced pulse dynamics in a bulk-surface reaction-diffusion
 system for cell polarization 15

09-01-0025

- 64 Takashi Teramoto Localized radially symmetric spot solutions in a singularly perturbed
 (Kyoto Women's Univ.) FitzHugh–Nagumo model 10

09-01-0029

- 65 Yoshihisa Morita (Ryukoku Univ.*) Nonconstant stable solutions to the bistable reaction-diffusion equation
Harunori Monobe (Osaka Metro. Univ.) on metric tree graphs 15

16:30–17:30 Talk Invited by Applied Mathematics Section

09-02-0002

- Tadashi Tokieda (Stanford Univ.) Mathematics of rubbing the wrong way

Topology

September 1st (Tue)

9:30–12:00

10-01-0023

- 1 Kento Sakai (Univ. of Tokyo) Large-scale geometry of electric Teichmüller spaces and k -multicurve graphs 15

10-01-0011

- 2 Ryo Hayami (Nagano Univ.) Quandles from gauge transformations 15

10-01-0015

- 3 Yuichi Kabaya (Kitami Inst. of Tech.) Variants of Coxeter quandles 15

10-01-0028

- 4 Mizuki Shirahama (Ritsumeikan Univ.) Relations for the generalized w -invariant 15

10-01-0006

- 5 Aoi Wakuda (Univ. of Tokyo) The Turaev cobracket of high powers of loops on closed surfaces 15

10-01-0009

- 6 Aoi Wakuda (Univ. of Tokyo) Centralizers of simple closed curves in the Goldman Lie algebra 15

Arpan Kabiraj

(Indian Inst. of Tech. Palakkad)

10-01-0017

- 7 Takatoshi Hama (Nihon Univ.) CAT(0) property and hyperbolicity of affine cactus groups 15

10-01-0029

- 8 Takuya Sakasai (Univ. of Tokyo) Refinements of groups defined by Kim and Manturov 10

Yuuki Tadokoro (Tokyo Univ. of Sci.)

Kokoro Tanaka (Tokyo Gakugei Univ.)

14:20–15:20 Talk Invited by Topology Section

10-02-0001

- Masaki Taniguchi (Kyoto Univ.)^b Four-dimensional cobordisms and Floer theory

15:40–17:40

10-01-0020

- 9 Jumpei Yasuda (Osaka Metro. Univ.) On the classification of 2-plat 2-knots 10

10-01-0025

- 10 Teruhisa Kadokami (Kanazawa Univ.) The half Alexander polynomials of amphicheiral 2-bridge knots 15

10-01-0007

- 11 Shinichiro Kakuta (Waseda Univ.) On the volume conjecture of the colored Jones invariants with arbitrary colors 15

10-01-0021

- 12 Taizo Kanenobu (Osaka Metro. Univ.) 4-Move distance of knots II 10

Hideo Takioka (Kanazawa Univ.)

10-01-0024

- 13 Yasuyoshi Tsutsumi Purely cosmetic surgeries and Casson–Walker–Lescop invariants 10

(Kobe Shinwa Univ.)

Kazuhiro Ichihara (Nihon Univ.)

In Dae Jong (Kindai Univ.)

10-01-0027

- 14 Natsuya Takahashi (Nihon Univ.) Trisection genus of knot traces 15

10-01-0005

- 15 Michel Boileau (Aix-Marseille Univ.) A ribbon knot which is not a symmetric union 15

Teruaki Kitano (Soka Univ.)

Yuta Nozaki (Hokkaido Univ.)

September 2nd (Wed)

10:00–10:15 Presentation Ceremony for the 2026 MSJ Geometry Prize

10:20–11:20 Award Lecture for the 2026 MSJ Geometry Prize

03-02-0002

- Shinpei Baba (Univ. of Osaka) Complex projective structures on a Riemann surface and representations of the surface group

13:00–14:00 Award Lecture for the 2026 MSJ Geometry Prize

03-02-0003

Kouichi Yasui (Univ. of Osaka) Exotic smooth structures on 4-manifolds and genus functions

September 3rd (Thu)

9:30–12:00

10-01-0016

16 Hiroki Kodama (Hiroshima Univ.) Structural oscillatory criterion of Boolean networks 15

10-01-0003

17 Sakumi Sugawara (Hokkaido Univ.) Topology of topological line arrangements: Combinatorial description of the cohomology ring 10

10-01-0004

18 Sakumi Sugawara (Hokkaido Univ.) Topology of topological line arrangements: Minimality of the complement 10

10-01-0002

19 Yoshikazu Yamagishi (Ryukoku Univ.) The farthest point map on the regular simplex 10

10-01-0026

20 Kosuke Nishijima (Waseda Univ.) Fractal Euler number and persistent homology 15

10-01-0019

21 Jo Tamaki (Univ. of Osaka) Minimality of locally finite convex 2-arrangement 15
Masahiko Yoshinaga (Univ. of Osaka)

10-01-0012

22 Yoh Kitajima (Univ. of Osaka) Filtered order complexes and magnitude homology of finite graded posets 15

10-01-0018

23 Yu Tajima (Sasebo Nat. Coll. of Tech.) Magnitude homology of metric fibrations 15
Yasuhiko Asao (Kyushu Univ.)
Masahiko Yoshinaga (Univ. of Osaka)**14:20–15:20 Talk Invited by Topology Section**

10-02-0002

Yasuhiko Asao (Kyushu Univ.) Graph homology viewed from magnitude homology

15:40–17:10

10-01-0022

24 Naoki Kuroda (Univ. of Tokyo) A refinement of the Pontryagin–Thom theorem for unstable Thom spectra and its applications 15

10-01-0010

25 Yuya Koike (Univ. of Osaka) On 3-dimensional locally standard T -pseudomanifolds 15

10-01-0014

26 Masaki Tahō (Univ. of Tokyo) Diffeological spaces with a non-smooth derivation 15

10-01-0013

27 Ryo Horiuchi (Bukkyo Univ.) On the Witt vectors in the Lawvere quantale 15

Infinite Analysis

September 1st (Tue)

9:30–10:30

11-01-0002

- 1 Kazuya Matsugashita (Kindai Univ.) Initial value space of the four dimensional Painlevé system with $(A_5 + A_1)^{(1)}$ symmetry 15
Takao Suzuki (Kindai Univ.)

11-01-0011

- 2 Kanehisa Takasaki Direct linearization and Sato Grassmannian 15
 (Kyoto Univ.*/Osaka Metro. Univ.)

11-01-0013

- 3 Masaki Kato (Ritsumeikan Univ.) Multiple polylogarithms and discrete integrable systems 15

11-01-0001

- 4 Toyo Taniguchi (Univ. of Tokyo) The universal framed KZB connection in higher genera 15

10:45–11:45 Talk Invited by Infinite Analysis Special Session

11-02-0002

- Shin-ichiro Seki Generalizations of Euler's identity for harmonic numbers
 (Nagahama Inst. of Bio-Sci. and Tech.)

14:30–16:30

11-01-0007

- 5 Masato Okado (Osaka Metro. Univ.) Decoration functions for geometric crystals associated to Kirillov–Reshetikhin modules 15

11-01-0012

- 6 Ryota Akagi (Nagoya Univ.) Structure of G -fans associated with rank 3 cluster-cyclic exchange matrices 15

11-01-0016

- 7 Mizuki Yamaguchi (Univ. of Tokyo) A direct criterion for Yang–Baxter integrability in quantum spin systems 15
Naoto Shiraishi (Univ. of Tokyo)
Fuga Ishii (Univ. of Tokyo)

11-01-0008

- 8 Hisatoshi Kodani (Kyushu Univ.) The Kontsevich invariant and the action of the Grothendieck–Teichmüller group on 2-component string links 15
Yuta Nozaki (Hokkaido Univ.)

11-01-0004

- 9 Tatsushi Shimazaki Staircase hook-length ratios and special values of Jacobi polynomials 15
 (Nat. Inst. of Tech., Akashi Coll.)

11-01-0003

- 10 Taikei Fujii (Ochanomizu Univ.) Integral transform for eigenproblem of deformed Noumi–Sano operator 15
Takahiko Nobukawa (Kogakkan Univ.)

11-01-0014

- 11 Satoshi Tsuchimi (Kindai Univ.) A generalization of the μ -function associated with the Kontsevich function 15
Genki Shibukawa
 (Kitami Inst. of Tech.)

September 2nd (Wed)

9:20–10:45

11-01-0010

- 12 Toshio Oshima (Univ. of Tokyo*) A classification of linear differential equations on the Riemann sphere 15

11-01-0009

- 13 Kazuya Matsugashita (Kindai Univ.) A degeneration of the four dimensional q -Garnier system arises from confluences in quivers 15
Takao Suzuki (Kindai Univ.)
Satoshi Tsuchimi (Kindai Univ.)

11-01-0017

- 14 Hidehito Nagao Multivariable generalization of the degeneration diagram of discrete Painlevé equations 15
 (Gifu Shotoku Gakuen Univ.)

11-01-0006

- 15 Takahiko Nobukawa (Kogakkan Univ.) A q -analog of middle Laplace transform and q -Painlevé equation of type
Shunya Adachi (Utsunomiya Univ.) $A_4^{(1)}$ 15

11-01-0005

- 16 Genki Shibukawa Three-term relations and some specializations of the μ function 15
(Kitami Inst. of Tech.)

11:00–12:00 Talk Invited by Infinite Analysis Special Session

11-02-0001

- Luc Vinet (Univ. de Montreal) Algebras and bispectrality