1. **E. Artal Bartolo, S. Bannai, Taketo Shirane *and* H. Tokunaga :** Torsion divisors of plane curves and Zariski pairs, *Algebra i Analiz,* **Vol.34,** *No.5,* 721-736, 2022.
2. **Shin-ichi Nakayama *and* Shigeru Masuyama :** A polynomial-time algorithm for finding a spanning tree with non-terminal set *VNT* on circular-arc graphs, *IEICE Transactions on Information and Systems,* **Vol.E105-D,** *No.8,* 2022.
3. **Olgur Celikbas, Uyen Le *and* Hiroki Matsui :** On the depth and reflexivity of tensor products, *Journal of Algebra,* **Vol.606,** 916-932, 2022.
4. **Olgur Celikbas, Uyen Le *and* Hiroki Matsui :** An extension of a depth inequality of Auslander, *Taiwanese Journal of Mathematics,* **Vol.26,** *No.5,* 903-926, 2022.
5. **Taketo Shirane *and* Akihito Sumitomo :** On effective divisors on certain double covers and their linealy equivalent classes, *Journal of Mathematics, The University of Tokushima,* **Vol.57,** 63-84, 2023.
6. **Hiroki Matsui *and* Ryo Takahashi :** On the categorical entropy of the Frobenius pushforward functor, *Bulletin of the London Mathematical Society,* **Vol.55,** *No.3,* 1358-1372, 2023.
7. **Toru Hasunuma :** Connectivity preserving trees in k-connected or k-edge-connected graphs, *Journal of Graph Theory,* **Vol.102,** *No.3,* 423-435, 2023.
8. **Hiroki Matsui :** Spectra of derived categories of Noetherian schemes, *Seminar of Algebraic Geometry in East Asia,* Online, May 2022.
9. **白根 竹人 :** Splitting invariants of plane curves, *第25回代数曲面ワークショップ at 南大沢,* 2022年8月.
10. **松井 紘樹 :** Categorical entropy of the Frobenius pushforward functor, *第54回環論および表現論シンポジウム,* 2022年9月.
11. **松井 紘樹 :** 導来圏のスペクトラムと代数多様体の復元問題, *日本数学会2022年度秋季総合分科会,* 2022年9月.
12. **近久 渓, 中山 慎一 :** 通過指定箇所がある格子上における最短経路問題を解くプロ グラム開発について, *2022 年 日本オペレーションズ・リサーチ学会 中国・四国地区 SSOR,* 2022年11月.
13. **Hiroki Matsui :** Spectra of derived categories of algebraic varieties and reconstruction, *第43回可換環論シンポジウム,* Nov. 2022.
14. **白根 竹人 :** Modified plumbing graphs and Galois covers of plane curves, *神戸代数幾何学ワークショップ,* 2022年12月.
15. **白根 竹人, Meirav Amram, 坂内 真三, Uriel Sinichkin, 徳永 浩雄 :** Splitting invariants and a ϖ\_1 equivalent Zariski pair of conic-line arrangements, *日本数学会年会,* 2023年3月.
16. **松井 紘樹 :** 三角圏のスペクトラムとスキームの復元問題, *日本数学会2023年度年会,* 2023年3月.
17. **Hiroki Matsui :** Categorical entropy of the Frobenius pushforward functor, *The 11th Japan-Vietnam Joint seminar on Commutative Algebra,* Mar. 2023.
18. **Enrique Bartolo Artal, Shinzo Bannai, Taketo Shirane *and* Hiro-o Tokunaga :** Torsion divisors of plane curves with maximal flexes and Zariski pairs, *Mathematische Nachrichten,* **Vol.296,** *No.6,* 2214-2235, 2023.
19. **Taketo Shirane :** Double covers and vector bundles of rank two, *Manuscripta Mathematica,* **Vol.171,** 499-527, 2023.
20. **Toru Hasunuma :** Completely independent spanning trees in line graphs, *Graphs and Combinatorics,* **Vol.39,** *No.5,* 90, 2023.
21. **Taketo Shirane *and* Akihito Sumitomo :** On effective divisors on certain double covers and their linearly equivalent classes, *Journal of Mathematics, The University of Tokushima,* **Vol.57,** 63-84, 2023.
22. **Celikbas Olgur, Dey Souvik, Kobayashi Toshinori *and* Hiroki Matsui :** On the reducing projective dimension over local rings, *Glasgow Mathematical Journal,* **Vol.66,** *No.1,* 104-118, 2024.
23. **國川 慶太 :** 平均曲率流方程式, *数理科学,* **Vol.62,** *No.2,* 30-37, 2024年2月.
24. **Toru Hasunuma :** Arbor-connectivity of the powers of trees, *Abstracts of Optimization 2023 (July 24-26, 2023),* 168, Aveiro, Portugal, Jul. 2023.
25. **Hiroki Matsui :** Spectra of triangulated categories and their applications, *The 9th China-Japan-Korea International Conference on Ring and Module Theory,* Incheon, Korea, Aug. 2023.
26. **Taketo Shirane :** Splitting invariants and examples of Zariski pairs, *Workshop on Algebraic Geometry and Topology 2023,* Aug. 2023.
27. **Toru Hasunuma :** Connectivity preserving Hamiltonian cycles in k-connected Dirac graphs, *Abstracts of the 45th Australasian Combinatorics Conference 2023 (December 11-15, 2023),* 35, Perth, Australia, Dec. 2023.
28. **白根 竹人 :** Divisor class groups of double covers over projective spaces, *阪大代数幾何学セミナー,* 2023年4月.
29. **松井 紘樹 :** Frobenius押し出し関手の圏論的エントロピー, *第5回情報数理セミナー,栃木県,* 2023年6月.
30. **白根 竹人 :** Splitting invariants and examples of Zariski pairs, *リーマン面に関連する位相幾何学,* 2023年8月.
31. **Hiroki Matsui :** Characterization of local rings via reducing homological dimensions, *第44回可換環論シンポジウム,神奈川県,* Nov. 2023.
32. **松井 紘樹 :** 三角圏の幾何学とその応用, *令和5年度 日本数学会中国・四国支部例会,徳島大学,* 2024年1月.
33. **松井 紘樹 :** フロベニウス押し出し関手の圏論的エントロピー, *正標数の可換環論と周辺2024 in 淡路島,兵庫県,* 2024年3月.
34. **Keita Kunikawa :** Liouville type theorem for harmonic maps of controlled growth, *BIMSA-BIT Differential Geometry Seminar,* May 2023.
35. **Keita Kunikawa :** Liouville type theorem for harmonic maps of controlled growth, *NCTS Seminar on Differential Geometry,* Jun. 2023.
36. **國川 慶太 :** 余次元の高いself-shrinkerのベッチ数によるMorse index評価, *東北大学幾何セミナー,* 2023年7月.
37. **Keita Kunikawa :** Morse index estimate via first Betti number for self-shrinkers in higher codimension, *The 8th China-Japan Geometry Conference,* Sep. 2023.
38. **國川 慶太 :** Morse index and first Betti number for self-shrinkers in higher codimension, *部分多様体幾何とリー群作用2023,* 2023年11月.
39. **Keita Kunikawa :** Index estimate for self-shrinkers in higher codimension, *The 4th International Conference on Surfaces, Analysis, and Numerics in Differential Geometry,* Feb. 2024.
40. **國川 慶太 :** Index estimate for self-shrinkers in higher codimension, *MATRIX-RIMS Tandem Workshop: Evolutionary Partial Differential Equations and Applications,* 2024年3月.
41. **Celikbas Olgur, Le Uyen, Hiroki Matsui *and* Sadeghi Arash :** Remarks on a conjecture of Huneke and Wiegand and the vanishing of (co)homology, *Journal of Mathematical Society of Japan,* **Vol.76,** *No.3,* 951-974, 2024.
42. **Hiroki Matsui :** The spectrum of a triangulated category and its applications to algebraic geometry, *Geometry and Dynamics Seminar,* Online, May 2024.
43. **Toru Hasunuma :** Exponentiation of Graphs, *Abstracts of Combinatorial Designs and Codes 2024 (July 8-12, 2024),* 31, Sevilla, Spain, Jul. 2024.
44. **松井 紘樹 :** 三角圏のsupportと三角圏の幾何学, *第1回可換代数と情報数理セミナー,* 2024年5月.
45. **白根 竹人 :** A note on combinatorial type and splitting invariants of plane curves, *Minami-Chita workshop on algebraic, arithmetic, and comple geometry,* 2024年5月.
46. **松井 紘樹 :** 三角圏の幾何学とその応用, *ミニワークショップ「Classification of Subcategories of abelian and triangulated categories」,* 2024年6月.
47. **松井 紘樹 :** Depth formula for modules with finite reducing projective dimension, *東京可換環論セミナー,* 2024年7月.
48. **國川 慶太 :** 余次元の高いself-shrinkerのモース指数評価, *福岡大学微分幾何セミナー,* 2024年4月.
49. **國川 慶太 :** Self-shrinkerのモース指数評価と今後の課題, *RIMS共同研究(公開型) 部分多様体と離散化の幾何学,* 2024年6月.