論文リスト

綾野孝則

1 論文

1. T. Ayano, Hurwitz integrality of the power series expansion of the sigma function for a telescopic curve, accepted to Journal of the Mathematical Society of Japan, 査読あり.

2. 綾野孝則, 森澤理之, OCU ラーニングセンターにおける数学学修支援活動について, 大阪市立大学 『大学教育』, 第 19 巻, 第 1 号, (2022), pp. 30–34, 査読あり.

3. T. Ayano, V. M. Buchstaber, Relationships Between Hyperelliptic Functions of Genus 2 and Elliptic Functions, *Symmetry, Integrability and Geometry: Methods and Applications*, **18** (2022), 010, 30 pages, 査読あり.

4. T. Ayano, V. M. Buchstaber, Analytical and number-theoretical properties of the two-dimensional sigma function, *Chebyshevskii sbornik*, Vol. 21, No. 1, (2020), pp. 9–50, 査読あり.

5. T. Ayano, V. M. Buchstaber, Ultraelliptic integrals and two-dimensional sigma-functions, *Functional Analysis and Its Applications*, Vol. 53, No. 3, (2019), pp. 157–173, 査読あり.

6. T. Ayano, V. M. Buchstaber, Construction of Two Parametric Deformation of KdV-Hierarchy and Solution in Terms of Meromorphic Functions on the Sigma Divisor of a Hyperelliptic Curve of Genus 3, *Symmetry, Integrability and Geometry: Methods and Applications*, **15** (2019), 032, 15 pages, 査読あり.

7. T. Ayano, V. M. Buchstaber, The field of meromorphic functions on a sigma divisor of a hyperelliptic curve of genus 3 and applications, *Functional Analysis and Its Applications*, Vol. 51, No. 3, (2017), pp. 162–176, 査読あり.

8. T. Ayano, On Jacobi Inversion Formulae for Telescopic Curves, *Symmetry, Integrability and Geometry: Methods and Applications*, **12** (2016), 086, 21 pages, 査読あり.

9. T. Ayano, Sigma Functions for Telescopic Curves, *Osaka Journal of Mathematics*, Vol. 51, No. 2, (2014), pp. 459–480, 査読あり.

10. T. Ayano, A. Nakayashiki, On Addition Formulae for Sigma Functions of Telescopic Curves, *Symmetry, Integrability and Geometry: Methods and Applications*, **9** (2013), 046, 14 pages, 査読あり.

11. T. Ayano, J. Suzuki, On d-Asymptotics for High-Dimensional Discriminant Analysis with Different Variance-Covariance Matrices, (Letter), *IEICE Transactions on Information and Systems*, Volume E95.D, Issue 12, (2012), pp. 3106–3108, 査読あり.

12. T. Ayano, Rates of convergence for the k-nearest neighbor estimators with smoother regression functions, *Journal of Statistical Planning and Inference*, Volume 142, Issue 9, (2012), pp. 2530–2536, 査読あり.

13. T. Ayano, The Lower Bound for the Nearest Neighbor Estimators with (p, C)-Smooth Regression Functions, *IEICE Transactions on Information and Systems*, Volume E94.D, Issue 11, (2011), pp. 2244–2249, 査読あり.

2　プレプリント

1. T. Ayano, V. M. Buchstaber, Hyperelliptic sigma functions and the Kadomtsev-Petviashvili equation, arXiv:2502.19972, (2025).

2. T. Ayano, Reduction of bielliptic hyperelliptic functions of genus 3, arXiv:2501.03774, (2025).