PUBLICATION LIST

While working on the papers, undergraduate students are marked with a *

Submitted

- (1) S. Chen, **L. Jiu**, S. Li*, and L. Wang, Leading coefficient in the Hankel determinants related to binomial and *q*-binomial transforms, Submitted for publication.
- (2) S. Chern, L. Jiu, and I. Simonelli, A central limit theorem for a card shuffling problem, Submitted for Publication.
- (3) **L. Jiu** and D. Wang*, On *b*-ary binomial coefficients with negative entries, Submitted for Publication.

Accepted

- (1) **L. Jiu** and L. Peng, Information geometry and alpha-parallel prior of the beta-logistic distribution, To Appear in *Comm. Statist. Theory Methods*.
- (2) **L. Jiu** and Y. Li*, Hankel determinants of certain sequences of Bernoulli polynomials: A direct proof of an inverse matrix entry from Statistics, To Appear in *Contrib. Discrete Math*.

Published

- (1) Q. Chen, S. Chern, and **L. Jiu**, Multi-headed lattices and Green functions, To Appear in *J. Phys. A: Math. Theor.* **57** (2024) Article 465204.
- (2) S. Chern and **L. Jiu**, Hankel determinants and Jacobi continued fractions for *q*-Euler numbers, *C. R. Math. Acad. Sci. Paris* **362** (2024), 203–216.
- (3) K. Dilcher and L. Jiu, Hankel determinants of shifted sequences of Bernoulli and Euler numbers, *Contrib. Discrete Math.* **18** (2023), 146–175.
- (4) Z. Bradshaw, I. Gonzalez, **L. Jiu**, V. H. Moll, and C. Vignat, Compatibility of the method of brackets with classical integration rules, *Open Math.* **21** (2023), Article number: 20220581.
- (5) **L. Jiu** and D. Y. H. Shi, Moments and cumulants on identities for Bernoulli and Euler numbers, *Math. Reports* **24** (2022), 643–650.
- (6) **L. Jiu** I. Simonelli, and H. Yue*, Random walk models for nontrivial identities of Bernoulli and Euler polynomials, *Integers*, **22** (2022), A91.
- (7) K. Dilcher and L. Jiu, Hankel Determinants of sequences related to Bernoulli and Euler Polynomials, *Int. J. Number Theory* **18** (2022), 331–359.
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- (9) I. Gonzales, L. Jiu, and V. H. Moll, An extension of the method of brackets. Part 2, Open Math. 18 (2020), 983–955.
- (10) L. Jiu and C. Koutschan, Calculation and properties of zonal polynomials, Math. Comput. Sci. 14 (2020), 623–640.
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- (12) **L. Jiu**, C. Vignat, and T. Wakhare, Analytic Continuation for Multiple Zeta Values using Symbolic Representations, *Int. J. Number Theory* **16** (2020), 579–602.
- (13) **L. Jiu** and C. Vignat, Connection coefficients for higher-order Bernoulli and Euler polynomials: a random walk approach, *Fibonacci Quart.* **57** (2019), 84–95.
- (14) L. Jiu and D. Y. H. Shi, Matrix representation for multiplicative nested sums, Collog. Math. 158 (2019), 183–194.

- (15) **L. Jiu** and D. Y. H. Shi, Orthogonal polynomials and connection to generalized Motzkin numbers for higher-order Euler polynomials, *J. Number Theory* **199** (2019), 389–402.
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- (17) **L. Jiu**, V. H. Moll, and C. Vignat, A symbolic approach to multiple zeta values at the negative integers, *J. Symbolic Comput.* **84** (2018), 1–13.
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- (19) **L. Jiu**, Integral representations of equally positive integer-indexed harmonic sums at infinity, *Research in Number Theory* **3** (2017), Article 3:10.
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- (24) L. Jiu and C. Vignat, On binomial identities in arbitrary bases, J. Integer Seq. 19 (2016), Article 16.5.5.
- (25) **L. Jiu**, V. H. Moll, and C. Vignat, A symbolic approach to some identities for Bernoulli-Barnes polynomials, *Int. J. Number Theory* **12** (2016), 649–662.
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