

## Publications in the period 01.01.2018 - 31.12.2018

1. Irrgeher C., Kritzer P., Pillichshammer F.: Integration and approximation in cosine spaces of smooth functions. In: *Math. Comput. Simulation*, 143, pp. 35-45, 2018.. [arXiv:1511.00328](#).
2. Kritzinger R.: An exact formula for the  $L_2$  discrepancy of the symmetrized Hammersley point set. In: *Math. Comput. Simulat.*, 2018. [arXiv:1509.01818](#).
3. Hofer R.: Halton-Type Sequences in Rational Bases in the Ring of Rational Integers and in the Ring of Polynomials over a Finite Field. In: *Proceedings of the 10th IMACS Seminar on Monte Carlo Methods, Mathematics and Computers in Simulation*, 143, pp. 78-88, 2018. [PDF](#).
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12. Madritsch M., Scheerer A.M., Tichy R.: Computable absolutely Pisot normal numbers. In: *ActaArith.* 184, no.1, pp. 7-29, 2018. [arXiv:1610.06388](#).
13. Grabner P.: A note on some approximation kernels on the sphere. In: *Contemporary Computational Mathematics - a celebration of the 80th birthday of Ian Sloan (J. Dick, F. Y. Kuo, H. Woźniakowski, eds.)*, Springer-Verlag, pp. 443-453, 2018. [arXiv:1706.09456](#).
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15. Hofer R., Pirsic I.: An extension of the digital method based on bb -adic integers. In: *Uniform Distribution Theory*, 13(1), pp. 87 - 107, 2018. [arXiv:1706.06323v2](#).
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