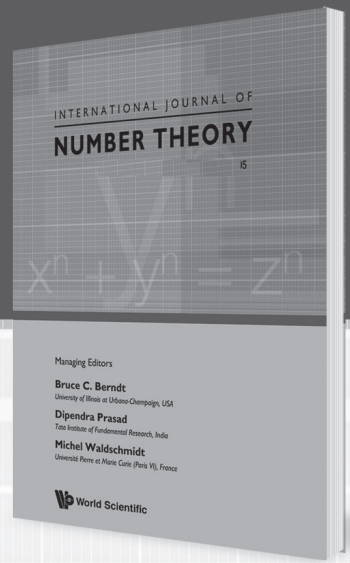


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# International Journal of NUMBER THEORY

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## Aims & Scope

This journal publishes original research papers and review articles on all areas of Number Theory, including elementary number theory, analytic number theory, algebraic number theory, arithmetic algebraic geometry, geometry of numbers, diophantine equations, diophantine approximation, transcendental number theory, probabilistic number theory, modular forms, multiplicative number theory, additive number theory, partitions, and computational number theory.

## Selected papers

1. More on the Sum-Product Phenomenon in Prime Fields and its Applications - Jean Bourgain (Inst for Advanced Study, Princeton, USA)
2. Non-vanishing of the Ramanujan Tau Function in Short Intervals - E Alkan, A Zaharescu (University of Illinois at Urbana-Champaign)
3. 2-Adic Properties of Certain Modular Forms and their Applications to Arithmetic Functions - Ken Ono (University of Wisconsin, USA), Yuichiro Taguchi (Kyushu University, Japan)
4. Local Monodromy of p-adic Differential Equations: An Overview - Kiran S. Kedlaya (Massachusetts Institute of Technology, USA)
5. A Survey of Factorization Counting Functions - A. Knopfmacher (University of the Witwatersrand, S. Africa), M. E. Mays (West Virginia University, USA)
6. On perfect powers in Lucas sequences - Yann Bugeaud (Université Louis Pasteur, France), Florian Luca (Universidad Nacional Autónoma de México, México), Maurice Mignotte (Université Louis Pasteur, France), Samir Siksek (Qaboos University, Oman)



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