



Advances in Analytic Number Theory and Related Areas

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Message from the Guest Editor

Over the past two decades, there have been major advancements in analytic number theory, including solving linear and diophantine equations among prime numbers, breakthrough results on small gaps among prime numbers and the resolution of Vinogradov's main conjecture via efficient congruencing and decoupling.

At the same time, there have been tremendous developments in the related fields of additive combinatorics and ergodic theory, obtaining new quantitative bounds on linear and polynomial patterns and sets of positive density, as well as obtaining related multi-linear ergodic theorems.

In this Special Issue, we encourage submissions with results that highlight these developments in the above mentioned areas of research in analytic/additive number theory and ergodic theory.





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Message from the Editor-in-Chief

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