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Institut für Analysis und Zahlentheorie

Zahlentheoretisches Kolloquium

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Seminarraum Analysis-Zahlentheorie, Kopernikusgasse 24, 2.OG

Changes in digits of primes

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Erdős proved that there are infinitely many weakly prime numbers (also called (digitally) delicate primes), i.e. prime numbers such that changing any single one of the digits, in a given base, with any other digit always results in a composite number. Tao proved that weakly prime numbers constitute a positive proportion in all prime numbers. In this talk, we are going to discuss further quantitative refinements on the distribution of weakly prime numbers.

Ch. Elsholtz