
Zbl 596.10001

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Some solved and unsolved problems of mine in number theory. (In English)

Topics in analytic number theory, Proc. Conf., Austin/Tex. 1982, 59-75 (1985).

[For the entire collection see Zbl 589.00007.]

This article contains many old and new problems on primes, divisors, etc., with comments and partial results. A number have prizes attached. The one with the smallest non-zero-prize (and so the easiest?) asks that if d_n is the difference $p_{n+1} - p_n$ between consecutive primes, then $d_{n+1} - d_n$ and $d_{n+1} - d_{n+2}$ should have opposite signs infinitely often.

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Classification:
11-02 Research monographs (number theory)
11N05 Distribution of primes
00A07 Problem books

Keywords:
difference of consecutive primes; unsolved problems; primes; divisors