

Zbl 603.10001

Erdős, Paul

Some problems and results in number theory. (In English)

Number theory and combinatorics, Proc. Conf., Tokyo/Jap., Okayama/Jap. and Kyoto/Jap. 1984, 65-87 (1985).

[For the entire collection see Zbl 601.00003.]

From the author's introduction: "During my very long life I published many papers of similar title. Here I want to discuss some of my favorite problems many of which go back 50 years and which I hope are still alive and will outlive me." The topics considered are divisors, consecutive divisors, problems on prime numbers, systems of congruences, problems connected with van der Waerden's theorem, arithmetic progressions, and many more.

O.Ninnemann

Classification:

11-02 Research monographs (number theory)

11N05 Distribution of primes

11N13 Primes in progressions

11N37 Asymptotic results on arithmetic functions

11B25 Arithmetic progressions

00A07 Problem books

Keywords:

problem collection