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Erdős, Paul

On some problems and results in elementary number theory. (In English)

J. Sichuan Univ., Nat. Sci. Ed. 26, Spec. Issue, 1-6 (1989). [0490-6756]

The author reviews his friendship with Chao Ko, to whom this volume is dedicated on the occasion of his 80th birthday, and their joint papers, a.o. the well-known Erdős-Ko-Rado theorem which had great influence in extremal set theory, and Ko's result on the diophantine equation $x^x y^y = z^z$, $x \neq 1$, $y \neq 1$. The remainder of the article is devoted to various problems and results in elementary number theory.

Classification:

11-02 Research monographs (number theory)

00A07 Problem books

11B75 Combinatorial number theory

11D57 Multiplicative and norm form diophantine equations

05D05 Extremal set theory

Keywords:

Erdős-Ko-Rado theorem; extremal set theory; problems