

Erdős, Paul

On the distribution function of additive functions. (English) [Zbl 0061.07902](#)
Ann. Math. (2) 47, 1-20 (1946).

The author extends his previous work on the distribution of values of additive arithmetical functions [*J. Lond. Math. Soc.* 13, 119–127 (1938; [Zbl 0018.29301](#)); *Am. J. Math.* 61, 713–721 (1939; [Zbl 0022.00903](#)) and *Am. J. Math.* 61, 722–725 (1939; [Zbl 0022.01001](#))]. Many striking results are obtained.

Reviewer: [P. T. Bateman](#)

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MSC:

- [11N60](#) Distribution functions associated with additive and positive multiplicative functions
- [11K65](#) Arithmetic functions in probabilistic number theory

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Keywords:

[distribution function](#); [additive functions](#)

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