

Title: Note on a paper by Bordellès, Dai, Heyman, Pan and Shparlinski, 3

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Denote by $[t]$ the integral part of t . Under some simple hypothesis on the growth of arithmetic function f , we prove asymptotic formulas for

$$S_f(x) := \sum_{n \leq x} f\left(\left[\frac{x}{n}\right]\right)$$

as $x \rightarrow \infty$ and give some applications. These improve or generalize some recent results of Zhao and Wu.

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