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On a problem of R. R. Hall. (In Hungarian. English summary)

Mat. Lapok 30, 23-31 (1982). [0025-519X]

Lower estimates are given for the sum $\sum_{a_1, a_2 \in A, a_1, a_2 \leq x} [a_1, a_2]^{-1}$, where $a_1 < a_2 < \dots$ is a sequence of natural numbers.

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Classification:

11B83 Special sequences of integers and polynomials

11N37 Asymptotic results on arithmetic functions

11A05 Multiplicative structure of the integers

Keywords:

reciprocal series; lower estimate