

Zbl 287.10005

Erdős, Paul; Zaremba, S.K.

The arithmetic function $\sum_{d|n} \frac{\log d}{d}$. (In English)

Demonstratio Math. 6(1973), 575-579 (1974).

The authors prove

$$\lim_{n \rightarrow \infty} \sup (\log \log n)^{-2} \sum_{d|n} \frac{\log d}{d} = e^{\gamma}$$

where γ is the Euler constant.

Classification:

11A25 Arithmetic functions, etc.