

Zbl 061.08005

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Some remarks on Euler's φ -function and some related problems. (In English)

Bull. Am. Math. Soc. **51**, 540-544 (1945).

Using Brun's method the author proves, that if $N \geq 3$ the number of integers n not exceed N , for which the equation $\varphi(x) = n$ is solvable, is greater than a positive constant times $N(\log N)^{-1} \log \log N$.

Classification:

11N64 Characterization of arithmetic functions

11A25 Arithmetic functions, etc.