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Another remark on the radical of an odd perfect number,
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Abstract

Ellia recently proved that if N is an odd perfect number such that $\text{rad}(N) > \sqrt{N}$, then its special prime p satisfies $p > 148207$ if $3 \nmid N$ and $p > 223$ otherwise. He also suggested that these bounds can be improved with some computation. We obtain that if N is an odd perfect number such that $\text{rad}(N) > \sqrt{N}$, then $p > 10^{60}$.