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Carmichal number 561

Canonical name CarmichalNumber5611

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is the smallest Carmichael number in the ring of integers. However it is only a pseudoprime in the ring of Gaussian integers. We can use pari to find the bases to which 561 is a pseudoprime. I found it is pseudoprime to bases 12+i, 22+i, 34+i and 56+i. Needless to say it is a pseudoprime to other bases too. More on this later.