Recursive structure of primes reloaded. Now with mod 2, too.[∗]

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Abstract.

Contents

1 Introduction

In this working document I will make a revision of my work [1]. Now for mod 2 and not mod 6 which makes all so easy. Sometimes I'm so stupid. wtf!

2 Road map

Since the main steps will be the same like in [1] I will only make a few comments. If you need more information please read the arXiv paper at first.

To future comments: Yes, I know it's no 'professional' math, but why I should use abstract math if it's also possible to explain issues with easy tools. This here is to be only a first impression. Not the solution of all! After this you can construct your buildings, too!

Personal road map for this document:

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1. Formulation of the important points for mod 2.

2. Consequences from this.

3. ...

3 What we already know ...

Short repetition of the properties of primes which we already know and we will use for our work.

1. Q: What are prime numbers $\mathbb{P}$?
   A: A prime number $p \in \mathbb{P}$ is a integer number lager than one which has no positive integer divisors apart from 1 and itself.
   $\Rightarrow$ More mathematical: $p \in \mathbb{Z} : \gcd(n, p) = 1, \forall n \neq p \in \mathbb{N}$

2. The set of primes: $\mathbb{P} := \{2, 3, 5, 7, 11, 13, \ldots\}$

3. The number 2 is the only even prime.

In the following work we will always ignore the prime 2!

References

[1] ZÖBELEIN, C.: The recursive structure of the distribution of primes. In: *ArXiv e-prints, 1411.2824 [math.GM]* (2014), November