

## Errata: Predicting Maximal Gaps in Sets of Primes

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The published article [1] contained the following errata:

- In Introduction, 3rd paragraph:  
the condition “for  $x \geq 127$ ” should be: for  $x \geq 153$ .
- In sect. 1.2, the display formula for  $G_c(x)$  should use  $p' \leq x$  (less-or-equal):

$$G_c(x) = \max_{\substack{p' \leq x \\ p, p' \in \mathbb{P}_c}} (p' - p).$$

- In eq. (18) and in the next line of text:  
 $\log^{k+1} p$  should be  $\log^{k+1} x$ .
- In Appendix C, the last formula should include the term  $\gamma$  as follows:

$$\operatorname{li} x = \gamma + \log \log x + \sum_{n=1}^{\infty} \frac{\log^n x}{n \cdot n!} \quad \text{for } x > 1.$$

- In References, the web page of ref. [3] has moved to  
<https://faculty.lynchburg.edu/~nicely/gaps/gaplist.html>

These errata are corrected in version arXiv:1901.03785v4.

### References

- [1] A. Kourbatov, M. Wolf. Predicting maximal gaps in sets of primes.  
*Mathematics*, **7 (5)** (2019), 400; arXiv:1901.03785, doi:10.3390/math7050400.