

CORRECTION TO ‘SHIFTED CONVOLUTION AND THE TITCHMARSH DIVISOR PROBLEM OVER $\mathbb{F}_q[t]$ ’

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1. CORRECTION

Two of the equations in the article [1] contained a typographical error. Equation (1.17) should read as follows:

$$(1.1) \quad \frac{1}{q^n} \sum_{f \in \mathcal{M}_n} d_k(f) d_k(f+h) = \binom{n+k-1}{k-1}^2 + O(q^{-1/2}).$$

Equation (7.36) should read as follows:

$$(1.2) \quad \binom{n+k-1}{k-1}^2 = \frac{1}{[(k-1)!]^2} n^{2(k-1)} + \dots .$$

REFERENCES

- [1] J.C. Andrade, L. Bary-Soroker, and Z. Rudnick *Shifted convolution and the Titchmarsh divisor problem over $\mathbb{F}_q[t]$* , IPhil. Trans. R. Soc. A 2015 373 20140308; DOI: 10.1098/rsta.2014.0308. Published 23 March 2015.

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