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

J. C. ANDRADE, L. BARY-SOROKER AND Z. RUDNICK

1. Correction

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

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

Equation (7.36) should read as follows:

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

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.

Department of Mathematics, University of Exeter, Exeter, EX4 4QF, United Kingdom
E-mail address: j.c.andrade@exeter.ac.uk

Raymond and Beverly Sackler School of Mathematical Sciences, Tel Aviv University, Tel Aviv 69978, Israel
E-mail address: barylior@post.tau.ac.il

Raymond and Beverly Sackler School of Mathematical Sciences, Tel Aviv University, Tel Aviv 69978, Israel
E-mail address: rudnick@post.tau.ac.il

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