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Coherently averaged dual-comb spectroscopy with a low-noise and high-power free-running gigahertz dual-comb laser: erratum

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Abstract: This erratum corrects a typographical error in equation (8) of our published paper [Opt. Express **31**, 7103 (2023)]. All the calculations used the correct equation, so all the results and conclusions remain unchanged.

1. Introduction

There is a typographical error in equation (8) of our published paper [1]. The corrected version of equation (8) should be:

$$\mathrm{RMS}\left[\Delta_\tau^{(2)}(g)\right] = \sqrt{\int_0^\infty S_g(f)\,(2\cos(2\pi f\tau) - 2)^2\,df}. \tag{1}$$

Compared to the published version, the coefficient of $S_g(f)$ has been squared. All the calculations used the correct form of the equation, so none of the results or conclusions of the paper are impacted by this error.

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Disclosures. The authors declare no conflicts of interest.

Data availability. Data underlying the results presented in this paper are available at [2].

References

1. C. R. Phillips, B. Willenberg, A. Nussbaum-Lapping, F. Callegari, S. L. Camenzind, J. Pupeikis, and U. Keller, "Coherently averaged dual-comb spectroscopy with a low-noise and high-power free-running gigahertz dual-comb laser," Opt. Express **31**(5), 7103–7119 (2023).
2. C. R. Phillips, B. Willenberg, A. Nussbaum-Lapping, F. Callegari, S. L. Camenzind, J. Pupeikis, and U. Keller, "Data for "Coherently averaged dual-comb spectroscopy with a low-noise and high-power free-running gigahertz dual-comb laser"," ETH Zurich Research Collection (2023), https://doi.org/10.3929/ethz-b-000597889.

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