

Erratum: “Ultrafast dynamics of hot electrons and phonons in chemical vapor deposited graphene” [J. Appl. Phys. 113, 133511 (2013)]

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Erratum: “Ultrafast dynamics of hot electrons and phonons in chemical vapor deposited graphene” [J. Appl. Phys. **113**, 133511 (2013)]

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The authors have found a symbolic error in the definition of pump induced differential transmission (PIDT). The negative sign in symbol, $-\Delta\mathcal{T}/\mathcal{T}$, in Fig. 1, Fig. 2, the caption of Fig. 1, and Sec. III should be deleted. Accordingly, the fourth sentence read as “The negative sign is chosen so that $-\Delta\mathcal{T}/\mathcal{T}$ is a positive pulse ...” in the first paragraph of Sec. III should be omitted. In addition, the sixth and seventh sentences in the first paragraph of Sec. III should be revised as “The initial rapid increases represent the fast thermalization and thermal equilibrium by the carrier-carrier scattering with

decreasing the conductivity of graphene. The slow decrease of transmission is due to the gradually increases of conductivity resulting from the electron-hole recombination.” The above changes would not affect discussions and conclusions in originally published article.¹

¹K.-C. Lin, M.-Y. Li, L. J. Li, D. C. Ling, C. C. Chi, and J.-C. Chen, “Ultrafast dynamics of hot electrons and phonons in chemical vapor deposited graphene,” *J. Appl. Phys.* **113**, 133511 (2013).