

Erratum: “Energies of the X- and L-valleys in In_{0.53}Ga_{0.47}As from electronic structure calculations” [J. Appl. Phys. **119, 055707 (2016)]**

Gabriel Greene-Diniz, M. V. Fischetti, and J. C. Greer

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Erratum: “Energies of the X- and L-valleys in $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}$ from electronic structure calculations” [J. Appl. Phys. **119**, 055707 (2016)]

Gabriel Greene-Diniz,¹ M. V. Fischetti,² and J. C. Greer¹

¹Tyndall National Institute, Lee Maltings, Prospect Row, Cork, Ireland

²Department of Materials Science and Engineering, University of Texas at Dallas, 800 West Campbell Road RL10, Richardson, Texas 75080, USA

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In our recent paper,¹ the captions of Figs. 1 and 2 are printed in the wrong order. The caption of Fig. 1 should read as

“FIG. 1. Band structure calculated from *GW*-corrected Kohn-Sham states using a 2-atom VCA model of $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}$. The *GW*-corrected band gap energy at Γ is 0.92 eV. The valence band maximum is taken as the zero of energy.”

The caption of Fig. 2 should read as

“FIG. 2. Real and imaginary parts at the Γ -point component ($\mathbf{G} = \mathbf{G}' = \mathbf{0}$) of the inverse of the dynamic dielectric

matrix obtained within the VCA model of bulk $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}$, and plotted as a function of energy.”

Correspondingly, the reference to Fig. 1 on page 055707-3 should instead refer to Fig. 2. These misprints do not affect any conclusions in the paper.

¹G. Greene-Diniz, M. V. Fischetti, and J. C. Greer, *J. Appl. Phys.* **119**, 055707 (2016).