Erratum: Zitterbewegung in bilayer graphene: Effects of trigonal warping and electric field [Phys. Rev. B 87, 115438 (2013)]

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There are erroneous mathematical expressions in Appendix A. We correct them as follows. This correction does not affect the content of the original paper.

Just below Eq. (A1) the momentum gradient should be $\nabla_{\boldsymbol{p}} = \partial_{p_x}\mathbf{e}_x + \partial_{p_y}\mathbf{e}_y$. The components of the velocity vector in Eq. (A2) should be expressed as

$$\hat{\mathbf{v}}_x = \left(-\frac{\hat{p}_x}{m^*} + \tau v_3\right)\mathbf{e}_x + \frac{\hat{p}_y}{m^*}\mathbf{e}_y, \quad \hat{\mathbf{v}}_y = -\frac{\hat{p}_y}{m^*}\mathbf{e}_x - \left(\frac{\hat{p}_x}{m^*} + \tau v_3\right)\mathbf{e}_y, \quad \hat{\mathbf{v}}_z = -\tau\frac{1}{m_u}(\hat{p}_x\mathbf{e}_x + \hat{p}_y\mathbf{e}_y).$$