Erratum: Influence of minivalleys and Berry curvature on electrostatically induced quantum wires in gapped bilayer graphene [Phys. Rev. B **98**, 155435 (2018)]

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We would like to correct the following typographical errors in the paper:

Page 1, Eq. (1):

There is a digit missing in the value of the γ_1 parameter. It should read $\gamma_1 = 0.38$ meV.

Page 2, Eq. (4):

The minus sign in the definition of the orbital magnetic moment is a reminiscence of a missing fraction $\frac{1}{2}$ that has been mistyped in latex. The correct equation should read

$$M = -\frac{1}{2}ie\hbar\langle\nabla_{\mathbf{p}}\Phi(\mathbf{p})|\times[\epsilon(\mathbf{p})-H(\mathbf{p})]|\nabla_{\mathbf{p}}\Phi(\mathbf{p})\rangle\cdot\mathbf{e}_z. \quad (4)$$

Also, the indication of the sign of the elementary charge has been used inconsistently. So it should read $e < 0$ under Eq. (4). This effects the analytical formulas for M in the following, which should read with the opposite sign: $M \approx -\epsilon(\mathbf{p})\frac{e}{\hbar}\Omega = \xi\frac{e\hbar}{2m}\frac{p^2}{2m}\frac{\Delta}{\epsilon(\mathbf{p})^2}$.

Page 2, Fig. 2: The scale bar in the top left panel of Fig. 2 should be indexed with $0.1\hbar\text{ nm}^{-1}$ (instead of $1\hbar\text{ nm}^{-1}$).

Page 6, Eq. (10):

Likewise, the signs of Ω and M must be adjusted correspondingly

$$\begin{aligned} \Omega &= -\xi\frac{\hbar^2}{2m}\frac{p^2}{2m}\frac{\Delta}{\epsilon(\mathbf{p})^2}, \\ M &\approx -\epsilon(\mathbf{p})\frac{e}{\hbar}\Omega \\ &= \xi\frac{e\hbar}{2m}\frac{p^2}{2m}\frac{\Delta}{\epsilon(\mathbf{p})^2}. \end{aligned} \quad (10)$$

None of the results or the statements of the paper are affected by these corrections.