

**Erratum: Effect of inelastic collisions on multiphonon Raman scattering in graphene
[Phys. Rev. B 76, 081405(R) (2007)]**

D. M. Basko

(Received 20 April 2009; published 14 May 2009)

DOI: [10.1103/PhysRevB.79.209903](https://doi.org/10.1103/PhysRevB.79.209903) PACS number(s): 73.63.-b, 73.20.Mf, 78.20.Bh, 78.30.-j, 99.10.Cd

Equations (1), (6), (8), and (9) contain mistakes in the numerical coefficients. Here is their correct form:

$$I_{2D^*}/I_{D^*} = 0.12(\gamma_{A_1}/\gamma)^2, \quad (1)$$

$$I_n = \frac{V^2 L_x L_y \omega_{out}^2}{c^2 \pi c^2} \frac{1}{n!} \times \sum_{\mathbf{q}_1 + \dots + \mathbf{q}_n = 0} \sum_{\{\mu_i\}} \left| \sum_{\mathcal{P}} \mathcal{M}(\mathcal{P}\{\mathbf{q}_i, \mu_i\}) \right|^2, \quad (6)$$

$$I_{D^*} = \frac{(e^2/c)^2 v^2 \omega_{in}^2}{24 c^2 \gamma^2} \left[\frac{9F_{A_1}^2}{M\omega_{A_1} v^2} \frac{\sqrt{27}a^2}{4} \right]^2. \quad (8)$$

$$I_{2D^*} = 0.044 \frac{(e^2/c)^2 v^2 \omega_{in}^4}{64\pi^2 c^2 \gamma^4} \left[\frac{9F_{A_1}^2}{M\omega_{A_1} v^2} \frac{\sqrt{27}a^2}{4} \right]^4. \quad (9)$$

The final conclusions of the paper are not affected.