

Energy spectrum and density of states for a graphene quantum dot in a magnetic field

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2010 J. Phys.: Condens. Matter 22 159801

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Corrigendum

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2010 *J. Phys.: Condens. Matter* **22** 025502

It has come to the attention of the authors that errors occurred in equations (11) and (12) of the above paper. In equation (11), two α factors were missing in the matrix. The corrected equation is as follows:

$$[I - \alpha G'(0, 0; \omega)]^{-1} = \Delta^{-1} \begin{pmatrix} 1 - \alpha G'_{22} & -\alpha G'_{12} \\ -\alpha G'_{21} & 1 - \alpha G'_{11} \end{pmatrix}.$$

Furthermore, in equation (12) there was a missing α^2 factor. The corrected equation is as follows:

$$\Delta = [(1 - \alpha G'_{11})(1 - \alpha G'_{22}) - \alpha^2 G'_{12} G'_{21}].$$