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

Corrigendum

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It has come to the attention of the authors that errors occured 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:

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

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

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