

**Publisher's Note: Conductance of a single-atom carbon chain with graphene leads
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This paper was published online on 10 August 2009 with caption errors in Fig. 1 and Fig. 4. The caption to Fig. 1 should read as “(Color online) Dependence of the transmission coefficient \mathcal{T} in Eq. (30) on ϵ/ϵ_0 (dashed line) with $\alpha=50$. The solid curve is the Breit-Wigner resonance with the same resonance energy ϵ_0 and width.”; the caption to Fig. 4 should read as “(Color online) The solid (black) curve represents the intersection of the bulk state spectrum of graphene with the $K_1=2\pi/3$ plane that goes through the Dirac point. The dashed (red) curve represents the spectrum of the edge states, which exist only for $2\pi/3 < K_2 < \pi$. The edge-state spectrum lies below the bulk state spectrum.” The captions have been corrected as of 14 August 2009. The captions are correct in the printed version of the journal.