Spin Polarized Conductance in Hybrid Graphene Nanoribbons Using 5-7 Defects

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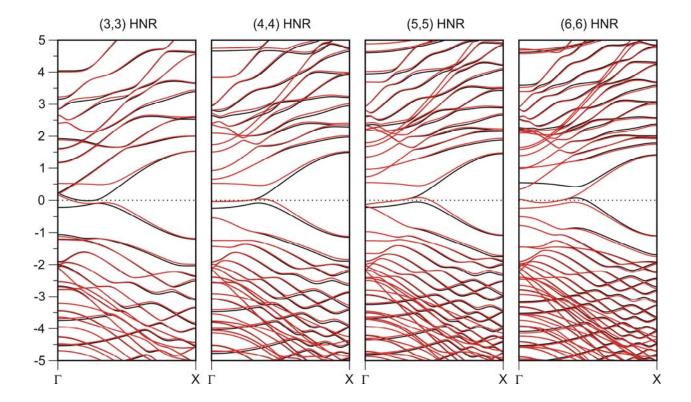
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Suplemental Figure 1. Band structure for (3,3), (4,4), (5,5) and (6,6) hybrid nanoribbons obtained using the PBE functional with the s-GGA approximation. It can be observed that in this case, the (5,5) nanoribbon also exhibits an energy gap for the minority carriers. Also, note that for the (6,6) the gap is present in the majority carriers.