

Abstract Submitted
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Signatures of Luttinger liquid effects in the conductance of clean pn-junctions¹ WEI CHEN, University of Washington — We study corrections to the conductance of a pn-junction in an armchair carbon nanotube, which is induced by the upmklapp and e-ph scattering. The correction scales as a power of temperature, with the exponent that depends on the Luttinger interaction parameter.

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