

Abstract Submitted  
for the MAR10 Meeting of  
The American Physical Society

**Double quantum dots at the edge of Abelian and non-Abelian fractional quantum Hall states**<sup>1</sup> STUART SEVIER, GREGORY A. FIETE, Department of Physics, The University of Texas at Austin — We theoretically study two quantum dots tunnel coupled to the edge of Abelian and non-Abelian fractional quantum Hall states. We find a number of interesting low-energy fixed points which are a function of inter-dot coupling and separation. We study the stability and structure of the fixed points under various perturbations.

<sup>1</sup>We gratefully acknowledge ARO grant W911NF-09-1-0527 and an Intel Foundation Undergraduate Research Fellowship from the Intel Foundation

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Date submitted: 20 Nov 2009

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