

Abstract Submitted  
for the MAR16 Meeting of  
The American Physical Society

**On universal adiabatic quantum computation** ARI MIZEL, Laboratory for Physical Sciences — We give a careful proof that ground state quantum computation can efficiently simulate universal gate model quantum computation. The proof allows for general gate model quantum computations; no restrictions are required on qubit geometry or on the locality of two-qubit gates. Our lower-bound technique may have more general application.

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None

Date submitted: 06 Nov 2015

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