Abstract Submitted
for the MAR06 Meeting of
The American Physical Society

Metals and insulators at infinite temperature DAVID HUSE, Princeton University, VADIM OGANESYAN, Yale University — Numerical exact diagonalization results for spectral correlations and finite temperature transport of strongly disordered and interacting lattice fermions are presented. We study the finite temperature metal-insulator transition recently proposed by Basko and collaborators (condmat/0506617) focussing in particular on establishing the existence of the insulating phase.

Vadim Oganesyan
Yale University

Date submitted: 30 Nov 2005 Electronic form version 1.4