

Abstract Submitted
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Kondo temperature in a quantum dot system SEUNGJOO NAH,
MICHAEL PUSTILNIK, Georgia Institute of Technology — We discuss the dependence of the Kondo temperature T_K of a quantum dot system on the gate voltage V_g . We show that due to the finite size of the dot (i.e. the finite single particle level spacing) the dependence $T_K(V_g)$ differs from the conventional expression for the Anderson impurity model.

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