Signs of quantum Griffiths effects in the weak itinerant ferromagnet Ni-V\textsuperscript{1} ALMUT SCHROEDER, SARA UBAID-KASSIS, Kent State University

Magnetization and ac-susceptibility data of $Ni_{1-x}V_x$ alloys are presented in the vicinity of the critical concentration, $x_c \approx 11\%$, where the ferromagnetic transition temperature is expected to vanish. For $x > x_c$ power laws with unusual exponents are observed, which change with further dilution.

\textsuperscript{1}supported by NSF DMR 0306766

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Date submitted: 21 Nov 2008
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