

Erratum: Universal scaling in nonequilibrium transport through an Anderson impurity [Phys. Rev. B **79**, 121301(R) (2009)]

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Due to a mistake in processing the numerical data, Figs. 2 and 4 were incorrect. The correct figures are reproduced here. In Fig. 2 we show $[1 - G/G_E(T)]/\alpha_V$ scaled as in the experimental work¹ with $\alpha_V = \alpha c_T / [1 + (\gamma/\alpha - 1)c_T(T/T_K)^2]$, in the strong coupling case (Kondo limit). The resulting values of γ are near 0.75 for $0.13 \leq T/T_K \leq 0.4$ and increase to 0.91 for $T/T_K = 0.59$ and to 1.2 for $T/T_K = 0.79$ (not shown).

In Fig. 4 we show the same result when the renormalized repulsion is decreased to $\tilde{u} = 0.365$. The corresponding values of γ are 0.75, 0.57, 0.49, 0.43 for $T/T_K = 0.17, 0.35, 0.52,$ and 0.69 respectively. Thus except for the smallest temperatures $T/T_K \leq 0.17$, in this case γ agrees with the experimental value $\gamma = 0.5 \pm 0.1$. Therefore our main conclusion remains: agreement with experiment improves substantially when an important degree of valence fluctuations is allowed.

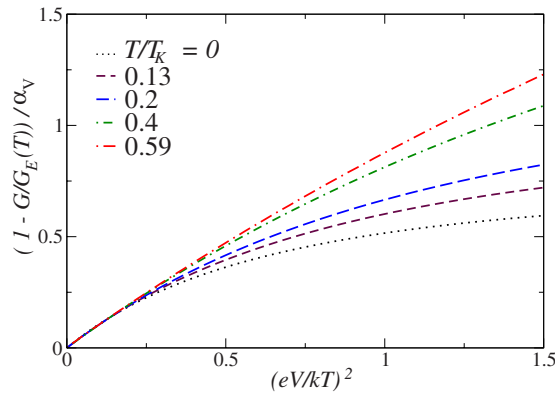


FIG. 2. (Color online) Scaled conductance shift as a function of bias voltage for different temperatures and $\tilde{u}=1$.

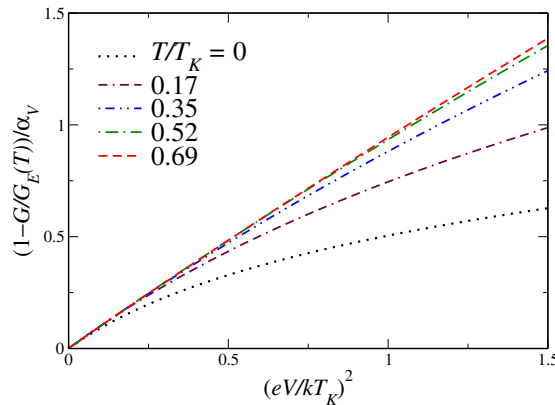


FIG. 4. (Color online) Same as Fig. 2 for $\tilde{u}=0.365$.

¹M. Grobis, I. G. Rau, R. M. Potok, H. Shtrikman, and D. Goldhaber-Gordon, Phys. Rev. Lett. **100**, 246601 (2008).