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Addendum

Corrigendum to "Multichannel Kondo screening in a one-dimensional correlated electron system"

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We point out that our lattice host Hamiltonian in eq. (1) does not directly produce the electron-electron scattering matrix used in our calculations. To obtain the factorizable form of the two-particle host scattering matrix given in the paragraph following eq. (1), one must first linearize the dispersion of the itinerant electrons about the Fermi levels (with the Fermi velocity normalized to unity). The linearized impurity Hamiltonian is constructed from the lattice form, eq. (3), in a similar way (for details, see ref. [1]).

With a linearized spectrum all our results for the behavior of the magnetic impurity remain valid.

REFERENCES

[1] Schlottman P. and Zvyagin A. A., *Phys. Rev. B*, **55** (1997) 5027.