

Erratum: Entanglement Scaling in the One-Dimensional Hubbard Model at Criticality [Phys. Rev. Lett. 95, 196406 (2005)]

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In our recent Letter, Fig. 2 was erroneously plotted due to a numerical error. The correct figure (Fig. 1), together with an improved caption, is given below.

In the text, two and three lines below Eq. (8), there are also two typing errors: Both occurrences of $\partial\mathcal{E}/\partial\mu$ should be $\partial\mathcal{E}/\partial h$.

None of the errors affect any of our findings or conclusions in the Letter.

We would like to thank K. Capelle and V. V. França for drawing our attention to these errors.

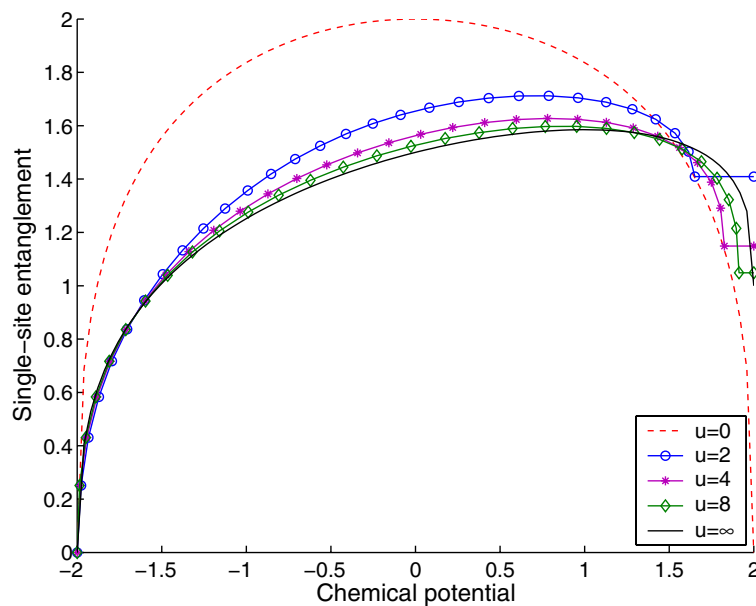


FIG. 1 (color online). Entanglement entropy \mathcal{E} of a single site versus chemical potential μ for the repulsive Hubbard model. The plateaus correspond to half filling ($n = 1$), cut off at $\mu = 2$. The dotted curve is that for free electrons ($u = 0$), plotted in the region $0 \leq n \leq 2$.