

**Publisher's Note: Quantum computation with realistic magic-state factories
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Joe O’Gorman and Earl T. Campbell



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This paper was published online on 31 March 2017 with an error in the text on page 9. On page 9, in Sec. VIC, right-hand column, the sixteenth line of the second paragraph should read as “surface code magic-state factory of 6.3 million “data qubits” if the infidelity of operations on physical qubits is 10^{-4} . This is based on the cost of d^2 physical qubits to store the information in the rotated lattice surface code [29]. However, for many architectures this number must be doubled to provide ancillas responsible for syndrome extraction. In this case the physical qubit overhead would be ~ 13 million.” The text has been corrected as of 7 February 2018. The text is incorrect in the printed version of the journal.