Experimental realization of a concatenated Greenberger–Horne–Zeilinger state for macroscopic quantum superpositions

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In the version of this Letter originally published in print, the following mathematical expressions were formatted incorrectly.

On page 1, column 1, paragraph 2, line 2, the two symbols “ N ” should not be superscripted relative to the symbol “ $\otimes$ ”. The correct expression is $(|0\rangle^{\otimes N} + |1\rangle^{\otimes N})/\sqrt{2}$.

Similarly, equation (1) should appear as $|\varphi_{N,m}^{\pm}\rangle = (|\text{GHZ}_m^{+}\rangle^{\otimes N} \pm |\text{GHZ}_m^{-}\rangle^{\otimes N})/\sqrt{2}$.

On page 1, column 2, paragraph 1, line 3, the two symbols “ m ” should not be superscripted relative to the symbol “ $\otimes$ ”. The correct expression is $(|0\rangle^{\otimes m} \pm |1\rangle^{\otimes m})/\sqrt{2}$.

In equation (2), the two symbols “3” should not be superscripted relative to the symbol “ $\otimes$ ”. The correct expression is $|\varphi_{3,2}^{+}\rangle = (|\Phi^{+}\rangle^{\otimes 3} + |\Phi^{-}\rangle^{\otimes 3})/\sqrt{2} = (|HHHHHH\rangle + |HHVVVV\rangle + |VVVVHH\rangle + |VVHHVV\rangle)_{231456}/2$.

In the expression for U_{θ} appearing on page 4, column 1, paragraph 3, line 5, the symbol “ γ ” should be subscripted relative to the symbol “ σ ”. The correct expression is $U_{\theta} = e^{i\theta\sigma_{\gamma}}$.

These typographical errors have been corrected in both the HTML and PDF versions of this Letter.