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## OPEN Author Correction: Interfaceinduced spontaneous positive and conventional negative exchange bias effects in bilayer $La_{0.7}Sr_{0.3}MnO_3/Eu_{0.45}Sr_{0.55}MnO_3$ heterostructures

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Correction to: Scientific Reports https://doi.org/10.1038/s41598-017-07033-x, published online 31 July 2017

In Figure 3a, the y-axis 'M (arbitrary units)' is incorrectly given as 'M ( $\mu_B/f.u.$ ).' The correct Figure 3a appears below as Figure 1.

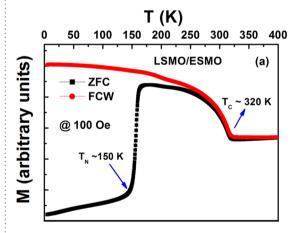


Figure 1. (a) M vs T (K) data for the LSMO/ESMO bilayer in the ZFC and FC protocols, (b) first derivative of ZFC-M with respect to T (K), to represents the various magnetic transitions, and its inset is the magnified view of the  $dM_{ZFC}/dT$  vs. T (K) to show the charge order/orbital ordering at ~194 K. (c) Isothermal M(H) curves at 5 K for the single reference layers and bilayer (inset is the enlarged view of M vs. H at lower fields).

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