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CORRECTION

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Correction and removal of expression of concern: Enhanced electrical and magnetic properties of (Co, Yb) co-doped ZnO memristor for neuromorphic computing

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Correction and removal of expression of concern for 'Enhanced electrical and magnetic properties of (Co, Yb) co-doped ZnO memristor for neuromorphic computing' by Noureddine Elboughdiri *et al.*, *RSC Adv.*, 2023, **13**, 35993–36008, https://doi.org/10.1039/D3RA06853F.

The authors regret that due to an error in the data labels, the incorrect data was used for Fig. 4b.

The University of Lakki Marwat, Pakistan has investigated and confirmed the integrity and reliability of the EDX data associated with Fig. 4b and the new SEM data for Fig. 4, which are shown here.

The University of Lakki Marwat, Pakistan investigation found that as there is no SEM instrument at the institution the SEM analysis was outsourced to a collaborating institution. During this process, a communication error occurred between the graduate author and the SEM operator who collected the data for Fig. 4. This error resulted in the same data mistakenly being used for Fig. 4a and b of the original publication. The investigating committee were able to confirm that this overlap was caused by miscommunication between the graduate author and the SEM operator and was not due to deliberate misconduct. The original data for Fig. 4a and c are correct. New SEM data was collected from a separate collaborating institution and the investigating committee was able to verify the integrity and reliability of the new data.

This correction supersedes the information provided in the Expression of concern related to this article.

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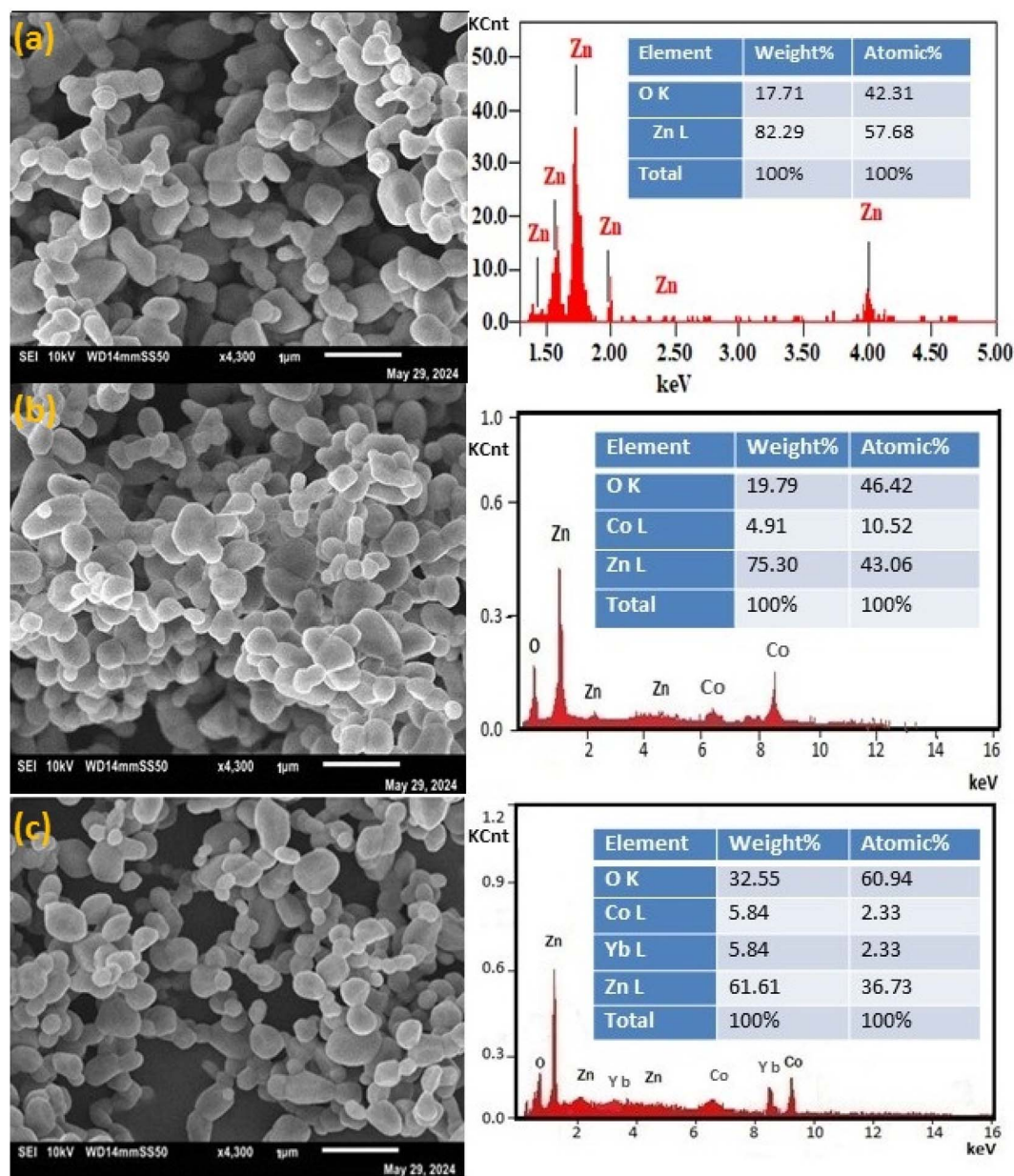[i]*Department of Physics, United Arab Emirates University, United Arab Emirates*

Fig. 4 (a–c) shows the SEM images and their corresponding (right panel of Fig. 2) EDX of (a) ZnO, (b) $Zn_{0.95}Co_{0.05}O$ and (c) $Zn_{0.92}Co_{0.05}Yb_{0.05}O$ NPs.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.