









## Author Correction: Asymmetric slow dynamics of the skyrmion lattice in MnSi

Correction to: *Nature Physics* <https://doi.org/10.1038/s41567-023-02120-5>, published online 12 July 2023.

<https://doi.org/10.1038/s41567-023-02241-x>

Published online: 2 October 2023

 Check for updates

Minoru Soda , Edward M. Forgan , Elizabeth Blackburn , Emma Campillo , Vasyl Ryukhtin , Ingo Hoffmann , Akiko Kikkawa, Yasujiro Taguchi , Hideki Yoshizawa & Hazuki Kawano-Furukawa 

In the version of the article originally published, two important references were missing; these have been added as reference 12, “Weber, T. et al. Topological magnon band structure of emergent Landau levels in a skyrmion lattice. *Science* **375**, 1025–1030 (2022)”, and reference 13, “Garst, M. et al. Collective spin excitations of helices and magnetic skyrmions: review and perspectives of magnonics in non-centrosymmetric magnets. *J. Phys. D: Appl. Phys.* **50**, 293002 (2017)”. The fourth sentence of the abstract has been updated from suggesting skyrmion lattice dynamics have not been studied in detail to now read “However, the dynamics of the skyrmion lattice are difficult to measure at the microelectronvolts energy scale at small wavevectors.” The seventh sentence of the first paragraph has been similarly updated to now read “Magnetic excitations have been observed in the helical, conical, ferromagnetic and skyrmion states, in both the inelastic and quasielastic regions. In our measurements using the spin echo technique, the phase of the signal has allowed us to observe extremely small energy differences below 5  $\mu\text{eV}$  in the quasielastic region. Similar measurements using the MIEZE technique over a wider energy range without phase information have been previously reported<sup>12</sup> [Weber et al., 2022], supported by theoretical calculations<sup>13</sup> [Garst et al., 2017]”. The end of the ninth paragraph has now been updated to remove description of incident polarized beams as well. These changes have been made in the HTML and PDF versions of the article.

© The Author(s), under exclusive licence to Springer Nature Limited 2023