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Erratum: HESS J1640−465 – an exceptionally luminous TeV γ-ray supernova remnant

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The paper 'HESS J1640−465 – an exceptionally luminous TeV γ-ray supernova remnant' was published in MNRAS, 439, 2828 (2014).

Due to an error in the integration of the differential energy spectrum, the luminosities stated in Sections 2.2 and 4.3 are incorrect. The luminosity of HESS J1640−465 above 1 TeV at 10 kpc distance is $L_{>1\,\mathrm{TeV}} \simeq 7.8 \times 10^{34}\,(d/10\,\mathrm{kpc})^2\,\mathrm{erg\,s^{-1}}$. The calculation of the points in the spectral energy distributions shown in Figs 3 and 5 are not affected by this error. Therefore, our conclusions in the discussion section are unaltered, especially what concerns the energy in interacting cosmic rays $W_p \bar{n}_H$.

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