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Atsushi Okazawa,* Takashi Nogami, Hiroyuki Nojiri, and Takayuki Ishida: Ferromagnetic Dy-Ni and Antiferromagnetic Dy-Cu Couplings in Single-Molecule Magnets [Dy₂Ni] and [Dy₂Cu]

Pages 9763 (abstract) and 9765. We have found an incorrect definition for the sign of J_{Dy-Ni} . The J_{Dy-Ni} value written as +0.031 K should be corrected to be -0.031 K, although the energy-level diagrams and calculated lines in Figures 3 and 4 are entirely correct. The exchange coupling between the Dy and Ni ions is antiferromagnetic, and accordingly the Ni strongest and weakest forbidden bands in high-field electron paramagnetic resonance should be assigned to the excitations from $Dy(\uparrow) - Ni(\downarrow) - Dy(\uparrow)$ to $Dy(\uparrow)-Ni(\uparrow)-Dy(\uparrow)$ and from $Dy(\downarrow)-Ni(\uparrow)-Dy(\downarrow)$ to $Dy(\downarrow)-Ni(\uparrow)-Dy(\downarrow)$ $Ni(\downarrow)-Dy(\downarrow)$, respectively. As for the paragraph in the discussion on the mechanism of J_{Dy-Ni} , the sentence "The smaller out-of-plane distortion in the latter favors ferromagnetic coupling" should be deleted. The geometries were correctly described on the basis of the X-ray crystal structure analysis on [Dy₂Cu] and [Dy₂Ni]. Therefore, we have to make a comment instead as follows: "They are basically isomorphous, and both J_{Dy-Cu} and J_{Dy-Ni} are antiferromagnetic."

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