Zero-field optical manipulation of magnetic ions in semiconductors

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Owing to a printing error, the character denoting exchange interaction appeared incorrectly, it should have appeared as $\mathcal{J}$. The corrected text is below:

Page 3, second column, second paragraph:
For a Heisenberg hamiltonian $H = \sum_{i<j} \mathcal{J}\,(R_i - R_j) J_i \cdot J_j$, where i and j label all the Mn spins in the solid at position R, $\mathcal{J} = \sum_i \mathcal{J}(R_i)$ and $\lambda = \mathcal{J}\langle J_{\mathrm{Mn}}\rangle$. Using methods developed previously[17,19], we calculate the average interaction energy between two Mn spins at the average separation for a given density by using an effective Bohr radius of 13 Å. We estimate $\mathcal{J}$ from the interaction energy…

Page 5, second column, first line:
Assuming the values of $\mathcal{J}$ calculated above…