

Giant non-linear magnetic response in a molecule-based magnet

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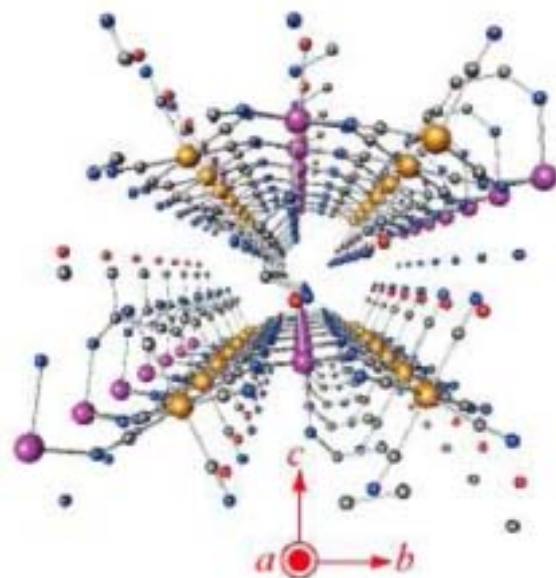


FIG. 1: Crystal structure of $[\text{Cr}(\text{CN})_6][\text{Mn}(\text{R})\text{-pnH}(\text{H}_2\text{O})](\text{H}_2\text{O})$, where in which Cr^{3+} is shown in brown, Mn^{2+} in purple, C in gray, and N in blue.

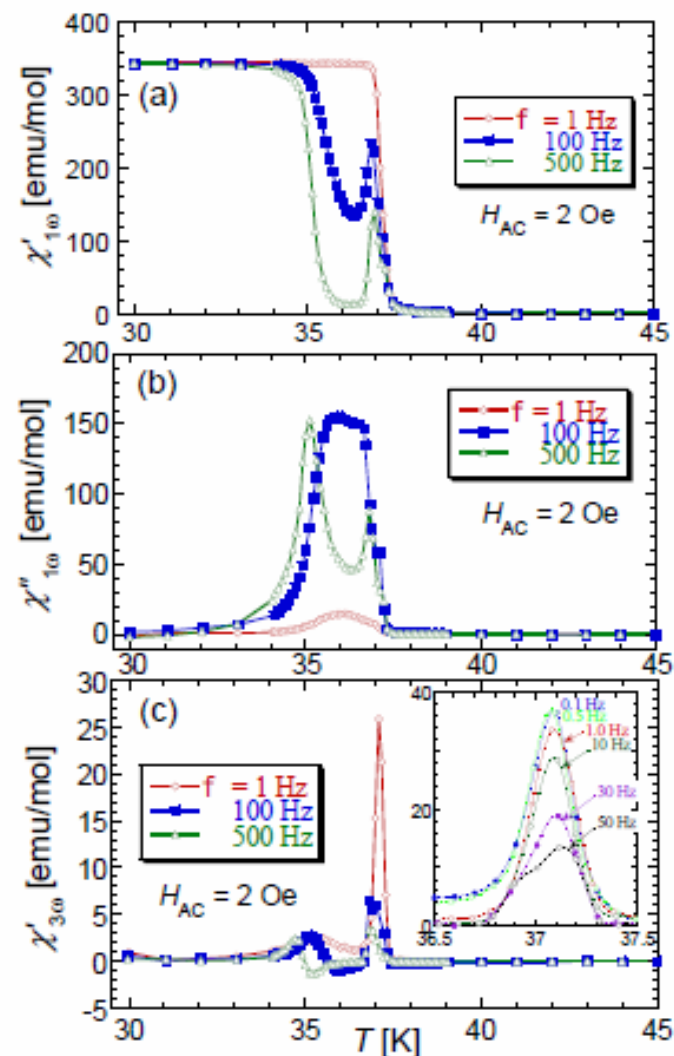


FIG. 3: Frequency dependencies of the in-phase and out-of-phase 1ω magnetic susceptibilities (a, b) and the in-phase magnetic susceptibility (c) of $R\text{-GN}$ in an AC field with amplitude of 2 Oe applied along the a -axis.