

Micromagnetism and Spin Dynamics in Geometry Frustrated Magnets CuCrO_2 and $\text{CaBaCo}_4\text{O}_7$

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Transition metal oxides with geometry frustration have attracted considerable interest over decades. They commonly exhibit the persistence of strong spin fluctuations at low temperatures, which is critical to understand their physics. Here we report the investigation on the micromagnetism and spin dynamics of two typical geometry frustrated magnets, CuCrO_2 and $\text{CaBaCo}_4\text{O}_7$ by using electron spin resonance, magnetization as well as thermodynamic technique. The doping effect will also be discussed.