

学位論文要約

Exploring for novel magnetic ordered state stabilized by the competition between the quantum spin fluctuation, spin-orbit coupling and DM interaction of $S = 1/2$ triangular-lattice antiferromagnets, CsCuCl_3 and $\text{Ba}_3\text{CoSb}_2\text{O}_9$

($S = 1/2$ 三角格子反強磁性体 CsCuCl_3 と $\text{Ba}_3\text{CoSb}_2\text{O}_9$ における量子スピンゆらぎの効果とスピン軌道相互作用、DM 相互作用の競合により出現する新奇磁気秩序相の探索)

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