

Abstract Submitted
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Generic spin model on a pyrochlore lattice¹ GIBAIK SIM, SUNG-BIN LEE, KAIST — Motivated by several pyrochlores, we discuss generic spin model considering nearest and next nearest neighbors. Both Luttinger-Tisza analysis and simulated annealing, we analyze the phase diagram of classical spin model and discuss new types of non-coplanar order induced by anisotropic interactions.

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