

Seminar

Prof. Daniel Ueltschi

University of Warwick

Spin 1 system with $SU(2)$ -invariant interactions

Wednesday, July 8, 2015

at 16:00 h

ESI, Boltzmann Lecture Hall

Abstract: Systems of spin 1 have a rich phase diagram that includes ferromagnetic, antiferromagnetic, and spin nematic phases (in dimensions three and higher). The set of Gibbs states can be identified with the help of graphical representations. I will review the relevant results and conjectures.

L. Erdős, R. Seiringer, S. Warzel

July 1, 2015