9th Bologna Workshop on CFT and Integrable Models



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## Entanglement Entropy of Forrester-Baxter RSOS Models

Wednesday, 17 September 2014 10:00 (30 minutes)

We analytically evaluate the R'enyi entropy for the Forrester-Baxter RSOS models in the regime III. These models are lattice realisations of non-unitary minimal models of CFT. By studying the leading term of this expression it is possible to probe conformal properties of the ground state. Our results agree completely with recent CFT redictions for the entanglement entropy of non-unitary systems. Furthermore we discuss a class of possible quantum Hamiltonian related to off-critical RSOS models.

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