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RSOS paths, quasi-particles and fermionic characters

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Abstract

A new approach to the combinatorics of the RSOS Forrester–Baxter paths (which describe states in minimal models) is shown to be tailor-made for a fermi-gas description with a transparent particle interpretation. This provides thus a constructive method for obtaining the fermionic characters of the minimal models $M(p', p)$ for $p > 2p' - 1$.