

Four point geometrical correlations in percolation and the Q -state Potts model

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I will discuss in this talk how representation theory of the affine Temperley-Lieb algebra can be combined with numerical studies to determine the Operator Product Expansions of geometrical observables in the (bulk) Q -state Potts model. I will then explain how this can be used as input to determine connectivities four-point functions in percolation using the bootstrap approach.

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