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*Scaling relations for 2D Ising percolation.*

ABSTRACT: We consider the percolation problem for the high temperature Ising model on the two-dimensional square lattice. We derive some scaling relations, provided the critical exponents exist; for 2D Bernoulli percolation, these relations are proved by Kesten. This talk is based on joint work with Yasunari Higuchi (Kobe University) and Yu Zhang (University of Colorado).