

Piotr Brzeski, "Percolation of hyperspheres"

Report of Contributions

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Percolation of hyperspheres

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A new method of studying the continuous percolation of aligned objects was recently proposed by Z. Koza and J. Poła in their article entitled "From discrete to continuous percolation in dimensions 3 to 7". Using this method authors were able to obtain results for percolations of hypercubes with far better accuracy than attained with any other method before. In my presentation I will describe aforementioned method and its application to percolation of hyperspheres in multidimensional systems.

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