

Sharp threshold phenomena in statistical physics[★]

Hugo Duminil-Copin

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Abstract. This text describes the content of the Takagi Lectures given by the author in Kyoto in 2017. The lectures present some aspects of the theory of sharp thresholds for Boolean functions and its application to the study of phase transitions in statistical physics.

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H. DUMINIL-COPIN

Institut des Hautes Études Scientifiques

Le Bois-Marie 35, route de Chartres, 91440 Bures-sur-Yvette, France and

Section de Mathématiques, Université de Genève

2-4 rue du lièvre, 1211 Genève 4, Switzerland

(e-mail: duminil@ihes.fr)