THERMODYNAMICS OF MODELS WHERE THE UNIVERSALITY HYPOTHESIS IS VIOLATED

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S u m m a r y

Critical properties of some two-dimensional exactly solved models of statistical mechanics — such as the Baxter eight-vertex, three-spin, Potts, and Ashkin—Teller ones — have been considered. The behavior of the complete set of stability characteristics for these models has been examined in the vicinity of the critical point. The types of the critical behavior have been determined. The violation of the universality hypothesis in the Baxter and Ashkin—Teller models has been explained.