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(PDF) Phase transitions in models of bird flocking

5. Phase Transitions A phase transition is an abrupt, discontinuous change in the properties of a system. We've already seen one example of a phase transition in our discussion of Bose-Einstein

5. Phase Transitions - DAMTP

Phase Transitions in Twin Higgs Models Kohei Fujikura,^a Kohei Kamada,^{b;c} Yuichiro Nakai and Masahide Yamaguchi^a ^aDepartment of Physics, Tokyo Institute of Technology, 2-12-1 Ookayama, Meguro-ku, Tokyo 152- ... phase transitions are unlikely to be first order and hence we can expect for neither the

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Definition of Thermodynamic Phases and Phase Transitions ... Definitions: A thermodynamic phase of a simple material is an open, connected ... models from which one can in principle compute the pressure as a function of T and μ . Statistical mechanics can be based on either

Definition of Thermodynamic Phases and Phase Transitions

Chapter 3 Phase transitions 3.1 Introduction Phase transitions are ubiquitous in Nature. We are all familiar with the different phases of water (vapour, liquid and ice), and with the change from one to the other. Changes of phase are called phase transitions. These phenomena are very important not only in natural processes, but also in industry.

Chapter 3 Phase transitions - UAM

Phase Transitions in Models for Coupled Charge-Density Waves. Abstract. Various phase transitions in models for coupled charge-density waves are investigated by means of the ϵ -expansion, mean-field theory, and Monte Carlo simulations.

Phase Transitions in Models for Coupled Charge-Density

Several transitions are known as the infinite-order phase transitions. They are continuous but break no symmetries. The most famous example is the Berezinsky-Kosterlitz-Thouless transition in the two-dimensional XY model. Many quantum phase transitions in two-dimensional electron gases belong to this class.

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Phase transition in a model for territorial development

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