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Current Trends in Quantum Phase Transitions II

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Message from the Guest Editor

In this second volume of the Special Issue, we continue to review recent trends in the study of quantum phase transitions, covering but not restricted to the following areas:

- *) Quantum phase transitions in novel systems;
- *) Mean field and many-body techniques applied to the study of quantum phase transitions;
- *) Excited-state quantum phase transitions (ESQPTs);
- *) Nonequilibrium effects and dynamical quantum phase transitions (DPTs);
- *) Transport and dynamic properties in the quantum critical region;
- *) Chaos, localization, and quantum criticality;
- *) Universality and quantum criticality.



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Special Issue



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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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