Special Issue

Quantum Dynamics with Non-Hermitian Hamiltonians

Message from the Guest Editor

The target of this Special Issue is to show the great effectiveness of non-Hermitian formulations of quantum dynamics as a tool to investigate, for example, resonances, topological systems, quantum transport, exceptional points, nuclear phenomena, optics and photonics, relativistic quantum processes, quantum fields, and cosmology, to name a few. Papers dealing with the above topics, and non-Hermitian quantum dynamics in general, are welcome to this Special Issue whose broad scope is to reflect both the quick development of the field and its potential for further growth.

Guest Editor

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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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Editor-in-Chief

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