Information-Theoretic Approaches to Atoms-in-Molecules

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Issue will focus on methods that employ information theory in the largest sense in the context of atomic and molecular science. All classical and quantum information theoretic aspects are welcome. Examples of areas that will be included in this Special Issue will include but will not be limited to the use of Shannon's information theoretic techniques in quantum chemistry; in crystallography; and in the informational treatment of nucleic acids sequences and amino acids sequences in proteins and in mathematical chemistry, in addition to quantum information and quantum computing.

Prof. Dr. Chérif F. Matta
Guest Editor

Special Issue

Editor-in-Chief

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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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