Symmetry and Complexity

Message from the Guest Editor

Symmetry and complexity are two fundamental features of almost all phenomena in nature and science. Any complex physical model is characterized by the existence of some symmetry groups at different scales. On the other hand, breaking the symmetry of a scientific model has been always considered as the most challenging direction for new discoveries. Modeling complexity has recently become an increasingly popular subject, with an impressive growth concerning applications. The main goal of modeling complexity is the search for hidden or broken symmetries.