Special Issue

Random Matrix Theory and Its Innovative Applications

Message from the Guest Editors

This Special Issue seeks original contributions in the realm of random matrices, encouraging theoretical explorations and practical applications in physics, econophysics, and other complex systems. Authors are invited to delve into the nuanced interplay of universal laws and deviations, shedding light on the broader implications of understanding intricate physical and economic phenomena. The topics are but not limited to:

- random matrices
- deviations from universal laws
- phase transitions and critical phenomena

Guest Editors

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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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