



Cryptocurrency Behavior under Econophysics Approaches

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Message from the Guest Editors

In this Special Issue, we are mainly interested in exploring methodological approaches capable of tackling this market's complex dynamics, its level of integration and efficiency, and its reaction to financial and non-financial shocks (pandemics, wars, etc.). Of special interest are analyses employing econophysics techniques, methodologies related to information theory (e.g., entropy, transfer entropy, and mutual information), fractal and multifractal analysis, statistical physics approaches, and complex networks, among others.

We invite researchers to contribute original research articles dealing with the theories, practices, and applications within cryptocurrency markets.

- cryptocurrency markets
- econophysics
- entropy
- information theory
- rare events
- nonlinear dynamics
- complex systems
- investor behavior
- market efficiency
- financial integration
- uncertainty





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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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