Special Issue

Systemic Risk and Decision-Making: A Network Perspective

Message from the Guest Editor

Systemic risk emerges from the complex web of interactions among financial institutions, markets, and economic agents. From a network perspective, financial systems are highly interconnected structures where shocks can propagate through multiple channels, generating spillovers that amplify initial disturbances. Understanding how decisions made by individual actors influence the stability of the entire system is therefore essential. Network-based approaches provide tools to map interdependencies, identify critical nodes, and assess how risk spreads across financial and economic networks. Such perspectives move beyond isolated risk assessment and focus instead on the collective dynamics that shape resilience or fragility within the system. By integrating insights from finance, network science, and decision theory, this approach contributes to a deeper understanding of systemic vulnerabilities and supports the design of policies and decision-making frameworks aimed at strengthening financial stability.

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