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Game Theory for Cybersecurity and Privacy

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Message from the Guest Editors

Cyber technologies have brought enormous benefits to society and made people and communities more connected. However, these technologies have also provided opportunities for cyber attacks. These attacks can compromise personal and sensitive data, cause business interruptions and ruin companies' assets. To address these security issues, we need to have mechanisms in place to incentivize organizations to fix security issues and adopt a proper defense strategy against future attacks. This Special Issue of Games is devoted to studying and analyzing cybersecurity and privacy from the perspective of game theory. We welcome authors to submit their research on topics including, but not limited to: optimal investment in information security, incentive design for information sharing, models and analysis of cybercrime, cyber-security policy, the economics of privacy and anonymity, cyber-defense strategy, cyber insurance market, cryptocurrency markets, and cybersecurity vulnerability market.

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