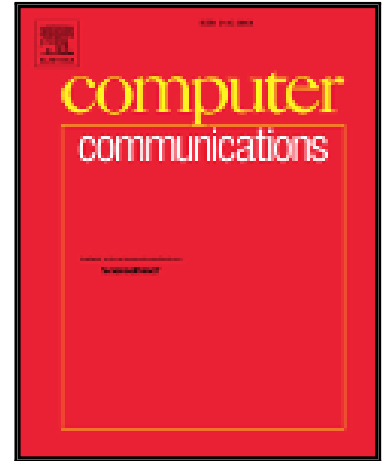


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Noise-resistant Mechanisms for the Detection of Stealthy Peer-to-Peer Botnets

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Highlights

- A novel approach for P2P botnet detection using signal-processing approaches of Fourier transforms and information entropy
- Detection of stealthy P2P botnets in presence of traffic from benign P2P applications
- Detection models were evaluated for their robustness by injecting noise in the testing dataset. Our approach gave higher True Positive rate (90%) as compared to results obtained with features used by past research.

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