



A. Erdem

Homepage
ruiyue

Research Category: B) AI/ML, C) System

Research Area: Data mining, Data Science, High-Performance Computing; Graph Mining, Management, and Learning, Network Science, Combinatorial Scientific Computing

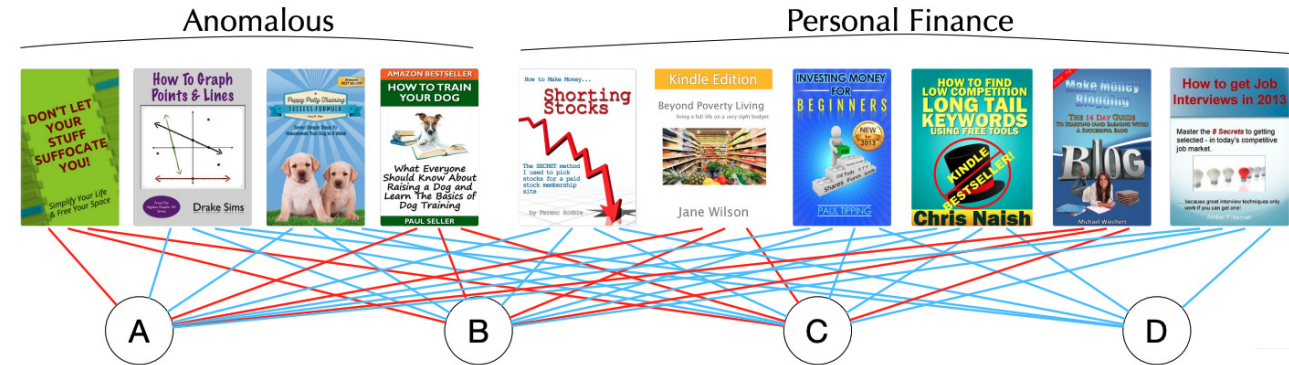
Research Application: Social Media Analysis, Fraud Detection, Anti-money Laundering, COVID-19

Selected Research Projects:

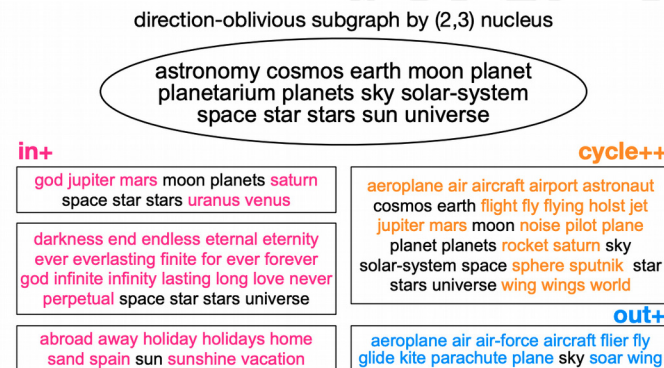
NSF: Fast Tools for Complex Event Detection over Bipartite Graph Streams

JP Morgan Chase AI: Detecting Fraudulent Transactions in Online Marketplaces Using Temporal Network Motifs

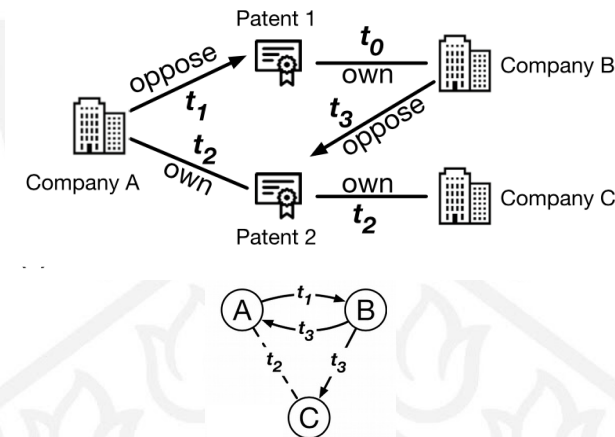
Apr 9-14, 2013
June 6-11, 2013



A Finding spam reviewers in online commerce platforms



B Automatic context discovery by motif-driven dense subgraphs



C Temporal analysis of patent collaborations and oppositions