

## **Characteristics of networks in financial markets**

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We investigate the financial network for the won-dollar and yen-dollar exchange rates in financial markets, using both numerical simulations and scaling arguments. We estimate numerically the cross-correlation, the clustering coefficient, and the clique size by introducing a random graph. Particularly, the statistical analysis for the degree distribution of vertices is found to approximately follow the power law. Our result will be compared with that of recent numerical calculations.