Accepted Manuscript

Geodetic convex boundary curvatures of the communities in stock market networks

Ömer Akgüller, Mehmet Ali Balcı

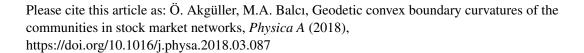
PII: S0378-4371(18)30408-4

DOI: https://doi.org/10.1016/j.physa.2018.03.087

Reference: PHYSA 19421

To appear in: Physica A

Received date: 27 November 2017 Revised date: 20 February 2018



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

HIGHLIGHTS

- The granular structure of a stock market is considered as the graph communities.
- A threshold method based on the spectrum of the graphs is used and analyses on these graphs are given.
- The changes on the granular structure are captured by using geodetic convex boundary curvatures of graph communities during crisis time.

Download English Version:

https://daneshyari.com/en/article/7375257

Download Persian Version:

https://daneshyari.com/article/7375257

<u>Daneshyari.com</u>