

Lista de lucrări

Varga Levente

a) cele mai relevante lucrări:

1. **Levente Varga**, Géza Tóth, and Zoltán Néda, Commuting patterns: the Flow and Jump model and supporting data, *EPJ Data Science* **7**, 37 (2018), DOI: 10.1140/epjds/s13688-018-0167-3
2. Néda Zoltán, **Levente Varga**, and Biró Tamás Sándor, Science and Facebook: The same popularity law!, *PLoS ONE* **12(7)**, e0179656 (2017), DOI: 10.1371/journal.pone.0179656
3. Zsolt I. Lázár, István Papp, **Levente Varga**, Ferenc Járai-Szabó, Dávid Deritei, and Mária Ercsey-Ravasz, Stochastic graph Voronoi tessellation reveals community structure, *Phys. Rev. E* **95(2)**, 022306 (2017), DOI: 10.1103/PhysRevE.95.022306
4. György Szabó, **Levente Varga**, and Mátyás Szabó, Anisotropic invasion and its consequences in two-strategy evolutionary games on a square lattice, *Phys. Rev. E* **94(5)**, 052314 (2016), DOI: 10.1103/PhysRevE.94.052314
5. **Levente Varga**, András Kovács, Géza Tóth, István Papp, Zoltán Néda, Further we travel the faster we go, *PLoS ONE* **11(2)**, e0148913 (2016), DOI: 10.1371/journal.pone.0148913
6. Jeromos Vukov, **Levente Varga**, Benjamin Allen, Martin A. Nowak, and György Szabó, Payoff components and their effects in a spatial three-strategy evolutionary social dilemma, *Phys. Rev. E* **92**, 012813 (2015), DOI: 10.1103/PhysRevE.92.012813
7. **Levente Varga**, Jeromos Vukov and György Szabó, Self-organizing patterns in an evolutionary rock-paper-scissors game for stochastic synchronized strategy updates, *Phys. Rev. E* **90**, 042920 (2014), DOI: 10.1103/PhysRevE.90.042920
8. Dávid Deritei, Zsolt I. Lázár, István Papp, Ferenc Járai-Szabó, Róbert Sumi, **Levente Varga**, Erzsébet Ravasz Regan and Mária Ercsey-Ravasz, Community detection by graph Voronoi diagrams, *New J. Phys.* **16**, 063007 (2014), DOI: 10.1088/1367-2630/16/6/063007
9. György Szabó, **Levente Varga** and István Borsos, Evolutionary matching-pennies game on bipartite regular networks, *Phys. Rev. E* **89**, 042820 (2014), DOI: 10.1103/PhysRevE.89.042820 împreună cu **Levente Varga**, Potrivite mărunțiș pe tablă de șah, lucrare de disertație (2014)
10. **Levente Varga**, Probleme de sincronizare a ritmului cardiac măsurat cu microcontroler, proiect de diplomă (2012)

e) articole/studii, publicate în reviste din fluxul științific internațional principal:

1. **Levente Varga**, Géza Tóth, and Zoltán Néda, Commuting patterns: the Flow and Jump model and supporting data, *EPJ Data Science* **7**, 37 (2018), DOI: 10.1140/epjds/s13688-018-0167-3
2. Néda Zoltán, **Levente Varga**, and Biró Tamás Sándor, Science and Facebook: The same popularity law!, *PLoS ONE* **12(7)**, e0179656 (2017), DOI: 10.1371/journal.pone.0179656
3. Zsolt I. Lázár, István Papp, **Levente Varga**, Ferenc Járai-Szabó, Dávid Deritei, and Mária Ercsey-Ravasz, Stochastic graph Voronoi tessellation reveals community structure, *Phys. Rev. E* **95(2)**, 022306 (2017), DOI: 10.1103/PhysRevE.95.022306
4. **Levente Varga**, Géza Tóth, and Zoltán Néda, An improved radiation model and its applicability for understanding commuting patterns in Hungary, *Regional Statistics* **6(2)**, 27 – 38 (2017)
5. György Szabó, **Levente Varga**, and Mátyás Szabó, Anisotropic invasion and its consequences in two-strategy evolutionary games on a square lattice, *Phys. Rev. E* **94(5)**, 052314 (2016), DOI: 10.1103/PhysRevE.94.052314
6. **Levente Varga**, András Kovács, Géza Tóth, István Papp, Zoltán Néda Further we travel the faster we go, *PLoS ONE* **11(2)**, e0148913 (2016), DOI: 10.1371/journal.pone.0148913
7. Jeromos Vukov, **Levente Varga**, Benjamin Allen, Martin A. Nowak, and György Szabó, Payoff components and their effects in a spatial three-strategy evolutionary social dilemma, *Phys. Rev. E* **92**, 012813 (2015), DOI: 10.1103/PhysRevE.92.012813
8. **Levente Varga**, Jeromos Vukov and György Szabó, Self-organizing patterns in an evolutionary rock-paper-scissors game for stochastic synchronized strategy updates, *Phys. Rev. E* **90**, 042920 (2014), DOI: 10.1103/PhysRevE.90.042920
9. Dávid Deritei, Zsolt I. Lázár, István Papp, Ferenc Járai-Szabó, Róbert Sumi, **Levente Varga**, Erzsébet Ravasz Regan and Mária Ercsey-Ravasz, Community detection by graph Voronoi diagrams, *New J. Phys.* **16**, 063007 (2014), DOI: 10.1088/1367-2630/16/6/063007
10. György Szabó, **Levente Varga** and István Borsos, Evolutionary matching-pennies game on bipartite regular networks, *Phys. Rev. E* **89**, 042820 (2014), DOI: 10.1103/PhysRevE.89.042820

g) alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice:

1. **Levente Varga**, Normalizing scientometric indicators of individual publications using local cluster detection methods on citation networks, ICCSIB 2018 : 20th International Conference on Cybermetrics, Scientometrics, Informetrics and Bibliometrics, Barcelona, Spain, 29-30 October (2018) (prezentare)
2. **Levente Varga**, Commuting patterns: a modified radiation model and supporting data, MaCS 2018, 12th Joint Conference on Mathematics and Computer Science, Săcuieu, Romania, 14-17 June (2018) (prezentare)

3. **Levente Varga**, Géza Tóth, and Zoltán Néda, An improved radiation model and its applicability for understanding commuting patterns, meco43: 43rd Conference of the Middle European Cooperation in Statistical Physics, Kraków, Poland, 1-4 May (2018) (poster)
4. Dávid Deritei, **Levente Varga**, István Papp, Ferenc Járai-Szabó, Zsolt I. Lázár, Răzvan V. Florian, and Mária Ercsey-Ravasz, Genetic-like algorithm applied on citation networks for evaluating scientific publications, Conference of Complex Systems 2016, Beurs Van Berlage, Amsterdam, The Netherlands, 19-22 September (2016) (poster)
5. **Levente Varga**, Géza Tóth, and Zoltán Néda, Testing human mobility models with commuters data” and “Velocity versus distance scaling in human travel, XXXVI Dynamic Days Europe, Corfu, Greece, 6-10 June (2016) (poster)
6. **Levente Varga**, Ferenc Járai-Szabó, Dávid Deritei, Zsolt I. Lázár, István Papp, Razvan Florian and Mária Ercsey-Ravasz, Local Cluster Detection Method for Normalizing Scientometric Indicators, NetSci Conference, Zaragoza, Spain (2015) (poster)
7. Zsolt I. Lázár, István Papp, Ferenc Járai-Szabó, Dávid Deritei, **Levente Varga** and Mária Ercsey-Ravasz, Community detection using stochastic graph Voronoi tessellation, NetSci Conference, Zaragoza, Spain (2015) (poster)
8. **Levente Varga**, Potrivite mărunțiș pe tablă de șah, lucrare de disertație (2014)
9. **Levente Varga**, Snóblizás sakktáblán, *EME FMTÜ XIX.* sz., 445–448 old. (2014)
10. **Levente Varga**, Probleme de sincronizare a ritmului cardiac măsurat cu microcontroler, proiect de diplomă (2012)

Data

18.12.2018

Semnătura