

Selected publications

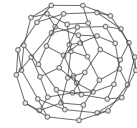
Community detection

- Y.-Y. Ahn, J.P. Bagrow, S. Lehmann. *Link communities reveal multiscale complexity in networks*. *Nature* **466**:761 (2010). [126 citations]
- S. Lehmann, M. Schwartz, L.K. Hansen. *Biclique communities*. *Physical Review E* **78**:016108 (2008). [29 citations]
- N. Gulbahce and S. Lehmann. *The art of community detection*. *Bioessays* **30**:934 (2008). [26 citations]
- S. Lehmann and L.K. Hansen. *Deterministic modularity optimization*. *The European Physical Journal B* **60**:83 (2007). [19 citations]

Citation networks

- S. Lehmann, A.D. Jackson, B.E. Lautrup. *Measures for measures*. *Nature*, **444**: 1003 (2006). [125 citations]
- S. Lehmann, B.E. Lautrup, and A.D. Jackson. *Citation networks in high energy physics*. *Physical Review E*, **68**: 026113 (2003). [85 citations]
- S. Lehmann, A.D. Jackson, and B.E. Lautrup. *A quantitative analysis of indicators of scientific performance*. *Scientometrics* **76**:369 (2008). [30 citations]

Citations obtained from Google Scholar. Turn page for all publications. Updated January 11, 2012.



All publications

- A. Mislove, S. Lehmann, Y.-Y. Ahn, J.-P. Onnela, and J.N. Rosenquist. *Understanding the demographics of Twitter users*. In Proceedings of the International AAAI Conference on Weblogs and Social Media (ICWSM), Barcelona, Spain (2011).
- J.P. Bagrow, S. Lehmann, and Y.-Y. Ahn. *Robustness and modular structure in networks*. arXiv:1102.5085v1 (2011).
- Y.-Y. Ahn, J.P. Bagrow, S. Lehmann. *Link communities reveal multiscale complexity in networks*. Nature **466**:761 (2010).
- M. Schich, C. Hidalgo, S. Lehmann, and J. Park. *The network of subject co-popularity in classical archaeology*. Bollettino di Archeologia on line I 2010, Volume speciale, Poster Session **8**:49 (2010).
- S. Lehmann, B.E. Lautrup, and A.D. Jackson. *Comment: Citation Statistics*. Statistical Science **104**:17 (2009).
- R. Jesus, M. Schwartz, and S. Lehmann. *Bipartite networks of Wikipedia's articles and authors: A meso-level approach*. The Proceedings of the 5th International Symposium on Wikis and Open Collaboration (WikiSym 2009).
- S. Lehmann. Structures in complex bipartite networks. In *Open Information Management: Applications of Interconnectivity and Collaboration*, editors S. Niiranen, J. Yli-Hietanen, and A. Lugmayr. Information Science Reference (IGI global): Hershey, PA (2009).
- S. Lehmann, M. Schwartz, L.K. Hansen. *Biclique communities*. Physical Review E **78**:016108 (2008).
- N. Gulbahce and S. Lehmann. *The art of community detection*. Bioessays **30**:934 (2008).
- S. Lehmann, A.D. Jackson, and B.E. Lautrup. *A quantitative analysis of indicators of scientific performance*. Scientometrics **76**:369 (2008).
- M. Schich, S. Lehmann, and J. Park. *Dissecting the Canon: Visual Subject Co-Popularity Networks in Art Research*. 5th European Conference on Complex Systems (2008).
- S. Lehmann and L.K. Hansen. *Deterministic modularity optimization*. The European Physical Journal B **60**:83 (2007).
- S. Lehmann, A.D. Jackson, B.E. Lautrup. *Measures for measures*. Nature, **444**: 1003 (2006).
- S. Lehmann, A.D. Jackson, and B.E. Lautrup. *Measures and mismeasures of scientific quality*. physics/0512238 (2005).
- S. Lehmann, A.D. Jackson, and B.E. Lautrup. *Life, death, and preferential attachment*. Europhysics Letters, **69**: 298 (2005).
- S. Lehmann and A.D. Jackson. *Live and dead nodes*. Computational & Mathematical Organization Theory, **11**:161 (2005).
- S. Lehmann, B.E. Lautrup, and A.D. Jackson. *Citation networks in high energy physics*. Physical Review E, **68**: 026113 (2003).