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## Publications

Danil Nemirovskiy

### Journals

- **Konstastin Avrachenkov, Vivek Borkar, and Danil Nemirovsky**  
*Quasi-Stationary Distributions as Centrality Measures for the Giant Strongly Connected Component of a Reducible Graph*  
Accepted to Journal of Computational and Applied Mathematics.
- **Konstastin Avrachenkov, Nelly Litvak, Danil Nemirovsky, and Natalia Osipova**  
*Monte Carlo Methods in PageRank Computation: When One Iteration is Sufficient*  
SIAM Journal on Numerical Analysis, v.45, no.2, pp.890-904, 2007.

### Conferences and workshops

- **Konstastin Avrachenkov, Vladimir Dobrynin, Danil Nemirovsky, Son Kim Pham and Elena Smirnova**  
*PageRank Based Clustering of Hypertext Document Collections*  
Proceedings of ACM SIGIR 2008.
- **Konstastin Avrachenkov, Danil Nemirovsky, and Kim Son Pham**  
*A Survey on Distributed Approaches to Graph Based Reputation Measures*  
Proceedings of International Workshop on Tools for Solving Structured Markov Chains: SMCtools 2007, Nantes, France.
- **Konstastin Avrachenkov, Vivek Borkar, and Danil Nemirovsky**  
*Quasi-Stationary Distributions as a Centrality Measure of Reducible Graph*  
XXXVIII Conference of PhD students and students “Control Processes and Stability”, St.Petersburg State University, April 2007. Short version, in Russian.
- **Konstastin Avrachenkov, Danil Nemirovsky, and Natalia Osipova**  
*Web Graph Analyzer Tool*  
In Proceedings of the IEEE ValueTools conference, 2006.
- **Danil Nemirovsky**  
*Clustering and Information Retrieval in Medical Collection Medline*  
XXXV Conference of PhD students and students “Control Processes and Stability”, St.Petersburg State University, April 2004. In Russian.

## Technical reports

- **Danil Nemirovsky**  
*Tensor approach to mixed high-order moments of absorbing Markov chains*  
INRIA Sophia Antipolis – Méditerranée, 2009.  
Available at <http://hal.archives-ouvertes.fr/inria-00426763/en/>

## Reprints

- **Danil Nemirovsky**  
*Web Graph and PageRank Algorithm*  
Next-Generation User-Centered Information Management workshop, Joint Advanced Student School, March-April 2005, Saint-Petersburg.  
Reprinted in “*Internet Search Engines: An Introduction*”, Ravi Kumar Jain, ISBN: 81-314-0634-2, pages: 256.