

Contents

This handout consists of excerpts from Andrei Z. Broder, Ravi Kumar, Farzin Maghoul, Prabhakar Raghavan, Sridhar Rajagopalan, Raymie Stata, Andrew Tomkins, and Janet L. Wiener, Graph structure in the Web, *Proceedings of the Ninth International World Wide Web Conference (Computer Networks)* 33(1-6): 309-320 (2000).

The full paper can be found online at:

<http://www.www9.org/w9cdrom/160/160.html>, or
<http://www.almaden.ibm.com/cs/k53/www9.final/>

Reading Assignments

The anticipated order of coverage is:

- 10/21: the “bowtie” structure of the Web. Read the following sections: “Introduction”, “Our main results”, “A brief primer ...”, “Experiments and results”, “Strongly connected components”, “Interpretation ...”.
- 10/25 and 10/28: degree patterns and models. Read the following sections: “Related prior work”, “Degree sequences”, and “Zipf distributions ...”.