

9 Bibliography

Emergence/Self-Organization

Holland, John H. *Adaptation in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence*. Reprint edition. Cambridge, Massachusetts: The MIT Press, April 29, 1992.

Johnson, Steven. *Emergence: The Connected Lives of Ants, Brains, Cities, and Software*. New York: Scribner, September 10, 2002.

Marcus, Gary. *the Birth of the Mind: How a Tiny Number of Genes Creates the Complexities of Human Thought*. New York: Basic Books, December 16, 2003.

Strogatz, Steven H. *SYNC: The Emerging Science of Spontaneous Order*. 1st edition. Hyperion, March 5, 2003.

Complex Networks

Barabasi, Albert-Laszlo. *Linked: How Everything is Connected to Everything Else and what it Means for Business, Science, and Everyday Life*. Pluma Books, April 29, 2003.

Buchanan, Mark. *Nexus: Small Worlds and the Groundbreaking Science of Networks*. 1st edition. New York: W. W. Norton & Company, May 1, 2002.

Huberman, Bernardo. *the Laws of the Web: Patterns in the Ecology of Information*. Cambridge, Massachusetts: The MIT Press, 2001.

Watts, Duncan J. *Six Degrees: The Science of a Connected Age*. 1st edition. New York: W. W. Norton & Company, February, 2003.

Watts, Duncan J. *Small Worlds : The Dynamics of Networks between Order and Randomness (Princeton Studies in Complexity)*. Princeton University Press, November, 2003.

Social Networks

Gladwell, Malcolm. *the Tipping Point: How Little Things can make a Big Difference*. New York: Back Bay Books, January 7, 2002.

Keller, Edward B., et al. *the Influentials: One American in Ten Tells the Other Nine how to Vote, Where to Eat, and what to Buy*. Free Press, January, 2003.

Data Visualization

Fawcett-Tang, Robert, and William Owen. *Mapping: An Illustrated Guide to Graphic Navigational Systems*. Rockport Publishers, 2002.

Haggett, Peter, and Richard J. Chorley. *Network Analysis in Geography*. London: Edward Arnold Publishers, 1969.

Herdeg, Walter. *Graphis Diagrams*. 4th Expanded ed. Zurich, Switzerland: Graphics Press Corp., 1981.

Jacobson, Robert, ed. *Information Design*. 1st ed. Cambridge, Massachusetts: The MIT Press, August 28, 2000.

Kitchin, Rob, and Martin Dodge. *Atlas of Cyberspace*. 1st edition. Pearson Education, January 15, 2002.

Lombardi, Mark. *Mark Lombardi: Global Networks*. New York: Independent Curators Inc., August 1, 2003.

Tufte, Edward R. *Envisioning Information*. Graphics Press, May 1, 1990.

Tufte, Edward R. *the Visual Display of Quantitative Information*. 2nd edition. Graphics Press, May 1, 2001.

Woolman, Mark. *Digital Information Graphics*. Watson-Guptill Publications, 2002.

Graph Theory/Representation

Arkin, Herbert. *Graphs: How to make and use them*. Revised edition. New York: Harper & Brothers Publishers, 1940.

Bertin, Jacques. *Semiology of Graphics: Diagrams, Networks, Maps*. Trans. William J. Berg. Madison, Wisconsin: The University of Wisconsin Press, 1983.

Chartrand, Gary. *Introductory Graph Theory*. Unabridged ed. Dover Publications, 1985.

Copes, Wayne, et al. *Graph Theory: Euler's Rich Legacy*. Providence, Rhode Island: Janson Publications, 1987.

Ore, Oystein. *Graphs and their Uses*. Washington, D.C.: The Mathematical Association of America, 1963.

Smith, William Henry. *Graphic Statistics in Management*. 1st edition. New York: McGraw-Hill Book Company, 1924.

Trudeau, Richard J. *Introduction to Graph Theory*. Dover Publications, 1994.

Blogging

Powers, Shelley, et al. *Essential Blogging*. 1st edition. O'Reilly, 2002.

Stone, Biz. *Bloggging: Genius Strategies for Instant Web Content*. 1st edition. Pearson Education, 2002.

Pattern Analysis

Alexander, Christopher. *A Pattern Language: Towns, Buildings, Construction*. New York: Oxford University Press, 1977.

Thesis

Chang, Chun Wei. "*Saveafriend.Com: A Viral Consumption Network*." Master of Fine Arts - Design and Technology, Parsons School of Design, May, 2004.

Fry, Benjamin Jotham. "*Organic Information Design*." Master of Science in Media Arts and Sciences, Massachusetts Institute of Technology, May, 2002.

Park, Sunha. "*iDwheel: A Cross-Platform Customized Virtual Identity for Individuals and Business People*." Master of Fine Arts - Design and Technology, Parsons School of Design, April, 2004.

Torres, Paul A. "*Visualizing Social Networks: A Social Network Visualization of Groups in the Online Chat Community of Habbo Hotel*." Master of Fine Arts - Design and Technology, Parsons School of Design, May, 2004.

Scientific Papers

Barabasi, Albert-Laszlo, Bonabeau, Eric. *Scale-Free Networks*. Scientific American, May 2003, 50-59.

Barabasi, Albert-Laszlo, Oltvai, Zoltan N. et al. *Aggregation of topological motifs in the Escherichia coli transcriptional regulatory network*. BMC Bioinformatics 2004, 5, 1-7.

Barabasi, Albert-Laszlo, Albert, Reka. *Statistical mechanics of complex networks*. Reviews of Modern Physics, Volume 74, January 2002.

Viégas, Fernanda B., Smith, Marc. *Newsgroup Crowds and AuthorLines: Visualizing the Activity of Individuals in Conversational Cyberspaces*

Eytan Adar, Li Zhang, Lada A. Adamic, Rajan M. Lukose. *Implicit Structure and the Dynamics of Blogspace*. HP Information Dynamics Lab.

Krempel, Lothar. *Simple Representations of Complex Networks: Strategies for Visualizing Network Structure*. Max-Planck-Institut fuer Gesellschaftsforschung.

Brian M. Dennis, Azzari C. Jarrett. *NusEye: Visualizing Network Structure to Support Navigation of Aggregated Content*. Computer Science Department, Northwestern University.

Jeffrey Heer, Stuart K. Card, James A. Landay. *prefuse: a toolkit for interactive information visualization*.

Borner, Katy, Penumarthy, Shashikant. *Social diffusion patterns in three-dimensional virtual worlds*. Indiana University, SLIS.

Kerr, Bernard J. Kerr. *THREAD ARCS: An Email Thread Visualization*. IBM Research

Xiong, Rebecca, Donath, Judith. *PeopleGarden: Creating Data Portraits for Users*. MIT Media Laboratory

Newman, M. E. J., Girvan, M. *Finding and evaluating community structure in networks*

Freeman, Linton C. *Visualizing Social Networks*. University of California, Irvine

N. Kashtan, S. Itzkovitz, R. Milo, U. Alon. *Topological Generalizations of network motifs*. Departments of Molecular Cell Biology and Physics of Complex Systems, Weizmann Institute of Science, Rehovot, Israel 76100.

Itzkovitz, Shalev, Alon, Uri. *Subgraphs and network motifs in geometric networks*. Departments of Molecular Cell Biology and Physics of Complex Systems, Weizmann Institute of Science, Rehovot, Israel 76100.

Newman, M. E. J., Girvan, Michelle. *Community structure in social and biological networks*. Santa Fe Institute, Santa Fe, NM.

Watts, Duncan J., Dodds, Peter S. Dodds, Newman, M. E. J. *Identity and search in social networks*.

Epidemic spreading in scale-free networks

Pastor-Satorras, Romualdo, Vespignani, Alessandro. *Epidemic spreading in scale-free networks*.

Dodge, Martin. *Mapping the World-Wide Web*. Centre for Advanced Spatial Analysis (CASA), University College London.

Others

Rogers, Everett M. *Diffusion of Innovations*. 5th edition. Free Press, 2003.

Dawkins, Richard. *The Selfish Gene*. 2nd edition. Oxford University Press, 1990.