

Bibliography

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- Ahl, Valerie, and T. F. H. Allen. 1996. *Hierarchy Theory: A Vision, Vocabulary, and Epistemology*. New York: Columbia University Press.
- Aiello, William, Fan Chung and Linyuan Lu. 2000. Random evolution in massive graphs. *Proceedings of the Thirtysecond Annual ACM Symposium on Theory of Computing* (2000): 171-180.
<http://www.cs.ucsd.edu/users/fan/research/papers/random.pdf>
- Amaral, L. A. N., A. Scala, M. Barthélémy, and H. E. Stanley. 2000. Classes of small-world networks. *Proc. Nat. Acad. Sci. USA* 97, 11149-11152.
<http://amaral.northwestern.edu/Publications/Papers/pnas00a.pdf>
- Andrews, Peter A. 1989. *Ethnic Groups in the Republic of Turkey*. Beihefte zum Tübinger Atlas des Vorderen Orients vol.B 60
- Arthur, W. Brian. 1990. Positive feedbacks in the economy. *Scientific American* 262:92-99.
http://www.santafe.edu/arthur/Papers/Pdf_files/SciAm_Article.pdf
- 1994. *Increasing Returns and Path Dependence in the Economy*. Ann Arbor: University of Michigan Press.
- Augustin, Georges. 2000a. (review) Thomas Schweizer and Douglas White, *Kinship, Networks and Exchange*. *l'Homme* 154-155: 783-786.
- 2000b. À quoi servent les terminologies de parenté? *l'Homme* 154-155: 573-598.
- Bak, Per. 1996. *How Nature Works: The Science of Self-Organized Criticality*. New York: Copernicus.
- Barnes, John. 1954. Class and Committees in a Norwegian Island Parish. *Human Relations* 7:39-58.
- Bott, Elizabeth. 1957. *Family and social network; roles, norms, and external relationships in ordinary urban families*. London: Tavistock.
- Barabási, Albert-László. 2002. *Linked: The New Science of Networks*. Cambridge, MA: Perseus Publishing. <http://www.nd.edu/~networks/linked>.
- Barabási, Albert-László, and Reka Albert. 1999. *Science* 286:509-512.
<http://www.nd.edu/%7Enetworks/papers.htm#paper2>.
- Barabási, Albert-László, Reka Albert, and Hawoong Jeong. 1999. Mean-field theory for scale-free random networks. *Physica A* 272, 173-187.
<http://www.nd.edu/~networks/Papers/physica.pdf>
- Barry, Laurent S., et al. 2000. Glossaire de la Parenté. *l'Homme* 154-155: 721-732.
- Barry, Laurent S. 2000. L'union endogame en Afrique et à Madagascar. *L'Homme* 154/155:67-100.
- Barth, Fredrik. 1953. *Principles of Social Organization in Southern Kurdistan*. Universitetes Etnologiske Museum Bulletin 7, Oslo.
- 1954. Father's Brother's Daughter in Kurdistan. *Southwestern Journal of Anthropology* 10:164-171.

- 1960. *Ethnic Groups and Boundaries*. Chicago: Little, Brown & Company.
- 1964. *Nomads of South Persia: The Basseri Tribe of the Khamseh Confederacy*. Oslo: Universitetsforlaget. New York: Humanities Press.
- 1966. *Models of Social Organization*. Glasgow: The University Press, for the Royal Anthropological Institute of Great Britain and Ireland.
- Batagelj, Vladimir, and Andrej Mrvar. 1998. Pajek—A Program for Large Networks Analysis. *Connections* 21 (2), 47-57. University of Ljubljana. <http://vlado.fmf.uni-lj.si/pub/networks/pajek>. Program descriptions are at <http://vlado.fmf.uni-lj.si/pub/networks/pajek/pajek.pdf> <http://vlado.fmf.uni-lj.si/pub/networks/pajek/sunbelt.97/pajek.htm>. An introduction to drawing and analyzing genealogies with Pajek is found at <http://vlado.fmf.uni-lj.si/pub/networks/doc/sitges.pdf>.
- 2001. A subquadratic triad census algorithm for large sparse networks with small maximum degree. *Social Networks* 23: 237-243
- 2002. Pajek—Analysis and Visualization of Large Networks. *LNCS* 2265. Berlin: Springer, 477-478.
- 2003. Pajek Analysis and Visualization of Large Networks. Preprint, to be published in *Graph Drawing Software*, edited by M. Junger and P. Mutzel, in the Springer series Mathematics and Visualization. <http://www.ijp.si/ftp/pub/preprints/ps/2003/pp871.pdf>
- Bates, Daniel G. 1973. *Nomads and Farmers: A Study of the Yörük of South-eastern Turkey*. Anthropological Papers, Museum of Anthropology, University of Michigan No. 52, Ann Arbor. (An account of a sedentary Yörük group summering close to the Aydınli summer pastures).
- 1974. Normative and alternative systems of marriage among the Yörük of south-eastern Turkey. *Anthropological Quarterly* 47:270-287.
- Bazin, Marcel. 1987. Le nomadisme Yörük aujourd'hui: Les Sankeçili du Taurus Central. *Production Pastorale et Société* 20:11-29.
- Bell, Duran. 2002. A Right to Father's Brother's Daughter. Irvine, CA: Unpublished ms.
- Berkowitz, Stephen D. 1982. *An Introduction to Structural Analysis: The network approach to social research* Toronto: Butterworths.
- Berrenberg, Jeanne. 2003. Beyond kinship algebra. Values and the riddle of Pashtun marriage. *Zeitschrift für Ethnologie*.
- Bertin, Jacques. 1983. *Semiology of Graphics*, Trans. William J. Berg; University of Wisconsin Press, Madison, Wisconsin, (trans. of 1967: *Semiologie Graphique*, Editions Gauthier-Villars, Paris).
- Boehm Christopher. 1993 Egalitarian Behavior and Reverse Dominance Hierarchy. *Current Anthropology* 34:227-254.
- 1997 Egalitarian Behavior and the Evolution of Political Intelligence. In, *Machiavellian Intelligence II*, edited by D. Byrne and A. Whiten. Cambridge: Cambridge University Press.
- 1999. *Hierarchy in the Forest: The Evolution of Egalitarian Behavior*. Cambridge: Harvard University Press.

- Boissevain, Jeremy. 1974. *Friends of friends: networks, manipulators and coalitions*. New York: St. Martin's Press.
- Bollobás, Béla and Oliver M. Riordan. 2003. Mathematical results on scale-free random graphs. Pp. 1-33, in Bornholdt, Stefan, and Heinz G. Schuster, eds. 2003. *Handbook of Graphs and Networks*. Darmstadt, Germany: Wiley-Vch.
- Bornholdt, Stefan, and Heinz G. Schuster, eds. 2003. *Handbook of Graphs and Networks*. Darmstadt, Germany: Wiley-Vch.
- Borgatti, Steve, Martin Everett, and Linton Freeman. 1995a. *UCINET IV Version 2.0*. Nantick, MA: Analytic Technologies. <http://www.analytictech.com>.
- . 1995b. *UCINET IV Network analysis software: Reference manual*. Columbia, MA: Analytic Technologies.
- Bourdieu, Pierre. 1962. Célebat et condition paysanne, *Études rurales* 5-6: 33-135.
- . 1972. *Outline of a Theory of Practice*. Cambridge
- . 1976. Marriage strategies as strategies of social reproduction. In *Family and Society*, eds. R. Forster and O. Ranum, pp. 117-44. Baltimore: Johns Hopkins Univ. Press.
- Bourgeois, M. and Noah E. Friedkin. 2001. The Distant Core: Social Solidarity, Social Distance, and Interpersonal Ties. *Social Networks* 23: 245-260.
- Boyd, Robert, and Peter J. Richerson. 1988. The Evolution of Reciprocity in Sizeable Groups. *Journal of Theoretical Biology* 132:337-356.
- Boyd, Robert, Herbert Gintis, Samuel Bowles and Peter J. Richerson. 2003. Altruistic Punishment in Large Groups Evolves by Interdemic Group Selection. *Proceedings of the National Academy of Sciences*.
- Brudner, Lilyan A., and Douglas R. White. 1997. Class, property and structural endogamy: Visualizing networked histories. *Theory and Society* 26:161-208.
- Brumann, Christoph. 1999. Writing For Culture: Why a Successful Concept Should Not Be Discarded. *Current Anthropology*, Supplement 40:S1-S27.
- . 2002, On Culture and Symbols. *Current Anthropology* 43:509-510.
- Brym, Robert J. 1988.. Structural location and ideational divergence: Jewish Marxist Intellectuals in turn-of-the-century Russia. In, B. Wellman and S. D. Berkowitz, eds., *Social Structures: A Network Approach*. Cambridge: Cambridge University Press.
- Cernea, Michael. 1996. *Social Organization and Development Anthropology*. The 1995 Malinowski Award Lecture. Environmentally Sustainable Development Studies and Monographs Series No. 6. Washington, DC: The World Bank.
- Cole, Donald P. 1984. Alliance and descent in the Middle East and the 'problem' of patrilineal cousin marriage. In, A. S. Ahmed and D. M. Hart, eds., *Islam in Tribal Societies*. Routledge & Kegan Paul. London etc.:169-186
- Collard, Chantal. 2000. "Kinship Studies" au tournant du siècle. *l'Homme* 154-155: 635-658.
- Coult, Allan D. and Richard R. Randolph. 1965. Computer Methods for Analyzing Genealogical Space. *American Anthropologist* 67: 21-29.

- Cuisenier, Jean. 1962. Endogamie et Exogamie dans le mariage arabe. *L'Homme*, mai-août, pp. 80-105.
- Cunnison, Ian. 1966. *Baggara Arabs: Power and the Lineage in a Sudanese Nomad Tribe*. Oxford: Oxford University Press
- Degenne, Alain and Michel Forsé. 1997. *Introducing Social Networks*. London: ISM.
- Denham, Woodrow W., and Douglas R. White. 2003. Multiple Measures of Al-yawarra Kinship, *Field Methods*, forthcoming. Guest edited by Dwight Read.
- de Nooy, Wouter, Andrej Mrvar and Vladimir Batagelj. 2003. *Exploratory Social Network Analysis with Pajek. Pajek*. New York: Cambridge University Press.
- Derleme Sözlüğü. 1963-1982. *Türk Dil Kurumu Yayinlari*. Ankara.
- Derrida, Bernard, Susanna C. Manrubia, and Damián H. Zanette. 1999. Statistical Properties of Genealogical Trees. *Physical Review Letters* 82(9):1987-1990. <http://complex.upc.es/~susanna/ABS3B.html>.
- Dodds, Peter S., Roby Muhamad & Duncan J. Watts. 2003. Experimental Study of Social Search and the Small World Problem. *Science* .
- Dow, Malcolm M. 1999. Review of Thomas Schweizer and Douglas White; *Kinship, Networks and Exchange*. *American Anthropologist* 101:692-693.
- Dumont, Louis. 1971. *Introduction à deux théories d'anthropologie sociale*. Paris: Mouton.
- Easterlin, Richard. 1987. *Birth and Fortune: The Impact of Numbers on Personal Welfare*. Chicago: Chicago University Press.
- Eberhard, Wolfram. 1953a. Nomads and Farmers in Southeastern Turkey. Problems of Settlement. *Oriens* 6:32-49.
- 1953b. Types of Settlement in Southeast Turkey. *Sociologus* 1:49-64.
- 1954. Changes in Leading Families in Southern Turkey. *Anthropos* 49:992-1002.
- Eckmann, Jean-Pierre, and Elisha Moses. 2002. Curvature of Co-links Uncovers Hidden Thematic Layers in the World Wide Web. *Proceedings of the National Academy of Sciences* 99:5825-5829. <http://www.pnas.org/cgi/content/abstract/032093399v1>.
- Eckmann, Jean-Pierre, Elisha Moses, and Danilo Sergi. 2003. Dialog in e-Mail Traffic. *Condensed Matter* 0304433. <http://arxiv.org/abs/cond-mat/0304433>.
- Emirbayer, Mustafa, and Jeff Goodwin. 1994. Network Analysis, Culture, and the Problem of Agency. *American Journal of Sociology* 99:1411-54.
- Eppstein, David, and Joseph Wang. 2002. A steady state model for graph power law. 2nd Int. Worksh. Web Dynamics, Honolulu, ACM Computing Research Repository, cs.DM/0204001. <http://arxiv.org/abs/cs.DM/0204001>.
- Erdős, Paul, and A. Renyi. 1960. On the Evolution of Random Graphs. *Publications of the Mathematical Institute of the Hungarian Academy of Sciences, Series A* 5:17-61.
- Evans-Pritchard, E. E. 1940. *The Nuer*. Oxford: Clarendon Press.
- 1953. The Character of the Nuer. In, *Primitive Heritage: an Anthropological Anthology*, ed. M. Mead and N. Calas. pp. 18-34. New York: Random House.

- Firth, Raymond. 1981. *Elements of Social Organization*. London: Watts.
- Fischer, John L. 1958. The Classification of Residence. *American Anthropologist* 60:508-517.
- Foster, George M., Thayer Scudder, Elizabeth Colson, and Robert V. Kemper, eds. 1979. *Long-Term Field Research in Social Anthropology*. New York: Academic Press.
- Fortes, Meyer. 1949. *The Web of Kinship Among the Tallensi*. Oxford: Oxford University Press.
- Fustel de Coulange, Numa Denis. 1864. *The Ancient City*. New York: Doubleday.
- Fox, Robin. 1967. *Kinship and Marriage*. Cambridge: Cambridge University Press.
- . 1978. *The Tory Islanders*. Cambridge: Cambridge University Press.
- Freeman, Linton C. 1979. Centrality in Social Networks: I. Conceptual Clarification. *Social Networks* 1:215-239
- . 1980. The Gatekeeper, Pair-Dependency and Structural Centrality. *Quality and Quantity* 14:585-592.
- . 1977. A set of measures of centrality based on betweenness. *Sociometry* 40:35-41.
- . 1996 Cliques, Galois Lattices, and the Structure of Human Social Groups. *Social Networks* 18: 173-187.
- . 2000. Visualizing Social Networks. *Journal of Social Structure* 1:1-18. <http://www.library.cmu.edu:7850/JoSS>.
- Freeman, Linton C., Steven Borgatti, and Douglas R. White. 1991. Centrality in Valued Graphs: A measure of betweenness based on network flow. *Social Networks* 13:141-154.
- Friedkin, Noah E. 1983. Horizons of Observability and Limits of Informal Control in Organizations. *Social Forces* 62:54-77.
- . 1984. Structural Cohesion and Equivalence Explanations of Social Homogeneity. *Sociological Methods & Research* 12: 235-261.
- . 1993. Structural Bases of Interpersonal Influence in Groups: A Longitudinal Case Study. *American Sociological Review* 58: 861-872.
- . 1998. *A Structural Theory of Social Influence*. New York: Cambridge University Press.
- Gellner, Ernest. 1981. *Muslim Society*. Cambridge University Press.
- Gifford, E. W. 1929. *Tongan Society*. Honolulu: B. P. Bishop Museum Bulletin 61.
- Gilbert, John P. and Hammel, E. A. 1966. Computer Simulation and Analysis of Problems in Kinship and Social Structure. *American Anthropologist* 68:71-91.
- Girvan, Michelle, and Mark E. J. Newman. 2002. Community Structure in Social and Biological Networks. *Proceedings of the National Academy of Science USA* 99: 8271-8276. <http://arxiv.org/abs/cond-mat/0112110>.
- Gladwell, Malcolm. 2000. *The Tipping Point: How Little Things Can Make a Big Difference*. Boston: Little, Brown and Company.
- Glaser, Barney G., and Anselm L. Strauss. 1967. *Grounded Theory: Strategies*

- for *Qualitative Research*. Hawthorne: Aldine de Gruyter.
- Godelier, Maurice, Thomas R. Trautmann and Franklin Tjon Sie Fat, eds. 1998. *Transformations of Kinship*. Washington, D.C.: Smithsonian Institution Press.
- Goldenweiser, Alexander A. 1913. Remarks on the Social Organization of the Crow Indians. *American Anthropologist* 15:281-294
- Goodenough, Ward H. 1956. Residence Rules. *Southwestern Journal of Anthropology* 12:22-37.
- 1963. Forecasting social change. Chapter 10, *Cooperation in Change*. New York: Russell Sage.
- 1968. Residence Rules. In, P. Bohannan and J. Middleton, eds., *Marriage, Family and Residence*. Garden City: Natural History Press.
- Gregory, Christopher. 2000. (review) Thomas Schweizer and Douglas White, *Kinship, Networks and Exchange*. *American Ethnologist* 27:243-244.
- Granovetter, Mark S. 1973. The Strength of Weak Ties. *American Journal of Sociology* 78:1360-1380.
- 1982. Alienation Reconsidered: The Strength of Weak Ties. *Connections* 5(2):4-16.
- 1985. Economic Action and Social Structure: The Problem of Embeddedness. *American Journal of Sociology*, 91: 481-510.
- 1990. The Myth of Social Network Analysis as a Special Method in the Social Sciences. *Connections* 13(1-2):13-16.
- Guilbaud, Georges-Th. 1970. Système parental et matrimonial au Nord Ambyrym. *Journal de la Société des Océanistes* 26:9-32.
- Güngör, Kemal. 1941. Cenubî Anadolu Yürüklerin Etno-Antropolojik Tetkiki. Dil ve Tarih-Cografya Fakültesi. *Antropoloji ve Etnoloji Enstitüsü nesriati*, No. 24.
- Hage, Per, and Frank Harary. 1997. Star Treatment Commentary on Schweizer, Thomas. 1997, Embeddedness of Ethnographic Cases: A Social Networks Perspective. *Current Anthropology* 38(5):739-60.
- Hage, Per, and Frank Harary. 1983. *Structural models in Anthropology*. Cambridge: Cambridge University Press.
- 1991. *Exchange in Oceania: A Graph Theoretic Analysis*. Oxford: Oxford University Press.
- 1996. *Island Networks*. Cambridge: Cambridge University Press.
- Hammel, Eugene. 1976. The matrilineal implications of structural cross-cousin marriage, pp. 145-168 in, Ezra B.W. Zubrow, ed., *Demographic Anthropology: A Quantitative Approach*. Albuquerque: School of American Research, University of New Mexico Press.
- Harary, Frank. 1969. *Graph Theory*. Reading, MA: Addison-Wesley.
- Harary, Frank, and Douglas R. White. 2001. P-Systems: A Structural Model for Kinship Studies. *Connections* 24(2):35-46.
<http://www.sfu.ca/%7Einsna/Connections-Web/Volume24-2/242-White.pdf>.
- Hart, David. 2001. Making Sense of Moroccan Tribal Sociology and History. *Journal of North African Studies* 6 (2).
- Henrich, Joseph. 2002. Decision-making, cultural transmission and adaptation

- in economic anthropology. In, *Economic Anthropology: Theory at the Turn of the Century*, edited by J. Ensminger, Rowman and Littlefield Press.
<http://www.emory.edu/COLLEGE/ANTHROPOLOGY/FACULTY/ANTJH/papers/seavol.pdf>.
- . 2001. Cultural Transmission and the Diffusion of Innovations. *American Anthropologist* 103, 992-1013.
<http://www.emory.edu/COLLEGE/ANTHROPOLOGY/FACULTY/ANTJH/papers/diff2.pdf>.
- Henrich, Joseph, and Francisco J. Gil-White. 2001. The evolution of prestige: freely conferred deference as a mechanism for enhancing the benefits of cultural transmission, *Evolution and Human Behavior* 22 (3):165-196.
<http://www.emory.edu/COLLEGE/ANTHROPOLOGY/FACULTY/ANTJH/papers/hen&gil.pdf>
- Henrich, Joseph, Robert Boyd, Samuel Bowles, Colin Camerer, Ernst Fehr, Herbert Gintis and Richard McElreath. 2001. In Search of Homo economicus: Behavioral Experiments in Fifteen Small-scale Societies in 15 Simple Societies. *American Economic Review* 91(2):73-78. <http://www.emory.edu/COLLEGE/ANTHROPOLOGY/FACULTY/ANTJH/papers/insearch.pdf>.
- Hèran, François. 1995. *Figures et Légendes de la Parenté*. Paris: INED.
- Héritier, Françoise. 1981. *L'exercice de la parenté*. Paris, Hautes Etudes: Gallimard-Le Seuil.
- . 1996. *Masculin / Feminin. La pensée de la différence*. Paris: Editions Odile Jacob.
- Holy, Ladislav. 1979. The Segmentary Lineage Structure and its Existential Status. *The Queen's University Papers in Social Anthropology* 4:1-22.
- . 1989. *Kinship, Honour and Solidarity. Cousin Marriage in the Middle East*. Manchester U.P.
- Houseman, Michael. 1997. Star Treatment Commentary on Schweizer, Thomas. 1997, Embeddedness of Ethnographic Cases: A Social Networks Perspective. *Current Anthropology* 38(5):739-60.
- Houseman, Michael, and Douglas R. White. 1998a. Network Mediation of Exchange Structures: Ambilateral Sidedness and Property Flows in Pul Eliya. In, Thomas Schweizer and Douglas R. White, eds. *Kinship, Networks and Exchange*. Cambridge: Cambridge University Press.
- . 1998b. Taking Sides: Marriage Networks and Dravidian Kinship in Lowland South America. *Transformations of Kinship*, pp. 214-243 in eds. Maurice Godelier, Thomas Trautmann and F. Tjon Sie Fat. Washington, D.C.: Smithsonian Institution Press.
- Hughes, Austin, 1988. *Evolution and Human Kinship*. Oxford: University Press.
- Jamard, Jean-Luc. 2000. La passion de la parenté. *l'Homme* 154-155: 733-748.
- Johansen, Ulla. 1965. Die Nomadenzelte Südost-Anatoliens. *Bustan* 6(2):33-37
- . 1979. Türklerde Cadir Kültü Alacik. *Türk Dünyası*. 1-2:29-44.
- . 1981. Nomaden im Taurosgebirge, in, F. K. Dörner, ed., *Vom Borporus zum Ararat*, pp. 159-164.
- . 1994. Felderfahrungen bei den Aydınli. In, Albert Kunze, Ed., *Yörük: Nomadenleben in der Türkei*. Hechingen: Kultur publik Gesellschaft:27-44.
- . 1995. Regeln der Blutrache. In, D.Schorkowitz, Ed., *Wege und Lehrjahre eines Philosophen. Festschrift für Lawrence Krader zum 75. Geburtstag*. Peter Lang:401-420

- . 1999. Seniorität und Verschwägerung in den Berichten der “Geheimen Geschichte.” *Studia Tibetica et Mongolica* (Festschrift Manfred Taube). *Indica et Tebetica* 34: 153-160.
- . 2004. *Life on a Turkish Yayla – 50 years ago (Türk Kültür ve Turizasyon Bakanlığı)*.
- Johansen, Ulla C., and Douglas R. White. 2002. Collaborative Long-Term Ethnography and Longitudinal Social Analysis of a Nomad Clan in Southeastern Turkey, pp. 81-99, Robert V. Kemper and Anya Royce, eds., *Chronicling Cultures: Long-Term Field Research in Anthropology*. Walnut Creek, CA: AltaMira Press.
<http://eclectic.ss.uci.edu/~drwhite/turks/04Johansen-Whitelong-termChapter4Mai2002.pdf>.
- Jola, Tina, Yvonne Verdier and Françoise Zonabend. 1970, Parler famille, *L'Homme* 10(3): 5-26.
- Jorion, Paul. 1980. Réflexions sur la formalisation dans les études de parenté en anthropologie sociale. *Revue Européenne des Sciences Sociales* 18(51): 21-39.
- Jorion, Paul, and Gisèle De Meur. 1980. La question Murngin, un artefact de la littérature anthropologique (with Gisèle De Meur). *L'Homme*, 20(2): 39-70.
- Kapferer, Bruce. 1972. *Strategy and transaction in an African factory: African workers and Indian management in a Zambian town*. Manchester University Press.
- Keesing, Roger. 1975. *Kinship Groups and Social Structure*. New York, NY: Holt, Rinehart and Winston.
- Kemper, Robert van, and Anya Royce, eds. 2002. *Chronicling Cultures: Long-Term Field Research in Anthropology*. Walnut Creek, CA: AltaMira Press.
- Kent, Susan. 1986. The Influence of Sedentism and Aggregation on Porotic Hyperostosis and Anemia: A Case Study. *Man* 21:605-636.
- Keyser, James. 1974. The Middle Eastern Case: Is There a Marriage Rule? *Ethnology* 13:293-309.
- Kim, Hyojoung and Peter S. Bearman. 1997. Who Counts in Collective Action? The Structure and Dynamics of Movement Participation. *American Sociological Review* 62:70-93..
- Kirchoff, Paul. 1955. The Principles of Clanship in Human Society. *Davidson Journal of Anthropology* 1:1-10.
- Kleinberg, Jon. 2000a. Navigation in a Small World. *Nature* 406:845.
<http://www.cs.cornell.edu/home/kleinber/nat00.pdf>.
- . 2000b. The small-world phenomenon: An algorithmic perspective.. *Proceedings of the 32nd ACM Symposium on Theory of Computing*.
<http://www.cs.cornell.edu/home/kleinber/swn.pdf>.
- Korotayev, Andrey. 2000. Parallel Cousin (FBD) Marriage, Islamization, and Arabization. *Ethnology* 39:373-395.
- . 2001. An Apologia of George Peter Murdock. Division of Labor by Gender and Postmarital Residence in Cross-Cultural Perspective: A Reconsideration. *World Cultures* 12(2):179-203.
<http://eclectic.ss.uci.edu/~drwhite/worldcul/12-2korotayev.pdf>.
- Krader, Lawrence. 1963. *Social Organization of the Mongol Turkic Pastoral*

- Nomads*. Indiana University Publications. Uralic and Altaic Series 20. Mouton: The Hague.
- Kressel, Gideon. 1986. Prescriptive patrilineal parallel cousin marriage: The perspective of the bride's father and brother. *Ethnology* 25:163-180.
- . 1996. Being Tribal and Being Pastoralist. In, U. Fabietti and Ph. C. Salzman, Eds. *The Anthropology of Tribal and Peasant Pastoral Societies: The Dialectics of Social Cohesion and Fragmentation*. Pavia, Collegio Ghisleri.
- LaMaison, Pierre. 1979. Les stratégies matrimoniales dans un système complexe de parenté: Ribennes en Gévaudan (1650-1830). *Annales Economies, Sociétés, Civilisations* 4: 721-43.
- Lancaster, William. 1981. *The Rwala Bedouin Today*. Cambridge: Cambridge University Press
- Langer, Susan. 1942. *Philosophy in a New Key*. Cambridge, MA: Harvard University Press
- Langlois, Victor. 1861. *Voyage dans la Cilice*. Paris.
- Lansing, J. Stephen. 1991. *Priests and Programmers: Technologies of Power in the Engineered Landscape of Bali*. Cambridge: Cambridge University Press.
- Laumann, Edward O. 1973. *Bonds of Pluralism: The Form and Substance of Urban Social Networks*. New York: Wiley Interscience.
- Laumann, Edward O., Peter V. Marsden and David Prensky, The boundary specification problem in network analysis. Pp. 61-87 in Linton C. Freeman, Douglas R. White, and A. Kimball Romney, eds. *Research Methods in Social Network Analysis*. Fairfax, VA.: George Mason University Press, 1989. Reprinted by Transactions Publishers.
- Laumann, Edward O., and Franz U. Pappi *Networks of Collective Action. A Perspective on Community Influence Systems*. New York: Academic Press, 1976.
- Leach, Edmund R. 1954. *Political Systems of Highland Burma*. London: Bell and Son.
- Leaf, Murray. 1979. *Man, Mind, and Science: A History of Anthropology*. New York: Columbia University Press.
- . 2001. What is "formal" analysis? Paper given at the American Anthropological Association meeting (Washington, D.C.).
- . 2003. Cultural Systems and Organizational Processes: Observations on the Conference Papers. Introduction to *Cybernetics and Systems*, on-line journal, forthcoming special issue. Edited by Dwight Read.
- Lévi-Strauss, Claude. 1963 [1958]. [[[the atom of kinship]]]. *Structural Anthropology*. New York: Basic Books.
- . 1969 [trans. of 1949]. *The Elementary Structures of Kinship*. Boston: Beacon Press.
- . 1976. Reflections on the Atom of Kinship. *Structural Anthropology*, vol. 2:82-112.
- Lewis, Ian M. 1957. *Somali Lineage System and Total Genealogy*. Ann Arbor: UMI Books on Demand.
- Mason, Leonard E. 1954. *Relocation of the Bikini Marshallese: A Study in*

- Group Migration*. Ph.D. Dissertation, Yale University.
- Menard, Scott. 1991. *Longitudinal Research*. Newbury Park, CA: Sage.
- Menger, Karl. 1927. Zur allgemeinen Kurventheorie. *Fundamenta Mathematicae* 10:96-115.
- Mitchell, J. Clyde, ed. 1969. *Social networks in urban situations: analyses of personal relationships in Central African towns*. Manchester: Manchester University Press.
- Moody, James, and Douglas R. White. 2003. Social Cohesion and Embeddedness: A hierarchical conception of social groups. *American Sociological Review* 68(1):1-25.
<http://www.santafe.edu/sfi/publications/Working-Papers/00-08-049.pdf>
- Munson Jr., Henry. 1989. On the Irrelevance of the Segmentary Lineage Model in the Moroccan Rif. *American Anthropologist* 91:386-400, esp. p. 387.
- Murdock, George P. 1949. *Social Structure*. New York: Macmillan Press.
- . 1967. *Ethnographic Atlas*. Pittsburgh: University of Pittsburgh Press.
- North, Douglass. 1994. *Institutions, Institutional Change and Economic Performance*. Cambridge: Cambridge University Press.
- Öhrig, Bruno. 1998. Meinungen und Materialien zur Geschichte der Karakeçili Anatoliens. *Münchener ethnologische Abhandlungen* 20, 8.
- Padgett, John F. 2001. Organizational Genesis, Identity and Control: The Transformation of Banking in Renaissance Florence. In, *Networks and Markets*, edited by James E. Rauch and Alessandra Casella. New York: Russell Sage, pp. 211-257.
- . 2002. Economic and Social Exchange in Renaissance Florence. Unpublished ms. <http://home.uchicago.edu/~jpadgett/unpub.html>.
- . 2003. Economic Production as Chemistry. Unpublished ms. <http://home.uchicago.edu/~jpadgett/unpub.html>.
- Padgett, John F. and Christopher K. Ansell. 1993. Robust Action and the Rise of the Medici, 1400-1434. *American Journal of Sociology*, Vol. 98(6):1259-1319. <http://home.uchicago.edu/~jpadgett/papers/published/robust.pdf>.
- Paleczek, Gabriele. 1990. Einige Bemerkungen zur Problematik der Parallelcousinenheirat. *Mitteilungen der Anthropologischen Gesellschaft in Wien* 120:199-216
- Patai, Raphael. 1965. The Structure of Endogamous Unilineal Descent Groups. *Southwestern Journal of Anthropology* 21: 325-350.
- Peters, Emyrs. 1991. *The Bedouin of Cyrenaica: Studies in Personal and Corporate Power*. Edited by Jack Goody and Emanuel Marx. Cambridge: Cambridge University Press.
- Pike, Kenneth L. 1954. *Language in Relation to a Unified Theory of the Structure of Human Behavior*.
- Planhol, Xavier, de. 1958. De la plaine pamphylienne aux lacs pisidiens, Nomadisme et vie paysanne. *Bibliothèque archéologique et historique de l'Institut Français d'Archéologie d'Istanbul* III. Paris.
- Powell, Walter W. Douglas R. White, Kenneth W. Koput and Jason Owen-Smith. Network Dynamics and Field Evolution: The Growth of Interorgani-

- zational Collaboration in the Life Sciences. Submitted to: *American Journal of Sociology*.
<http://www.santafe.edu/sfi/publications/Working-Papers/03-02-004.pdf>
- Radcliffe-Brown, A.R. 1965. Introduction. In, *Structure and Function in Primitive Society*. A. R. Radcliffe-Brown, ed. pp. 1-14. London: Free Press.
- 1966. On Social Structure, in A. B. Radcliffe-Brown, *Structure and Function in Primitive Society*, pp. 188-204.
- Richard, Philippe. 1993. Étude des renchéissements d'alliance, *Mathématique, Informatique et Sciences humaines* 123:5-35.
- Roehner, Bertrand. 1997. Spatial and historical determinants of separatism and integration. *Swiss Journal of Sociology* 23,25-59.
- Roehner, Bertrand, and Tony Syme. 2002. *Pattern and Repertoire in History*. Cambridge, MA: Harvard University Press.
- Roux, Jean-Paul. 1970. Les Traditions des nomades de la Turquie méridionale. *Bibliothèque archéologique et historique de l'Institut Français d'Archéologie d'Istanbul* XXIV
- Royce, Anya Peterson, and Robert V. Kemper. 2002. Long-Term Field Research: Metaphors, Paradigms, and Themes, pp. xiii-xxxviii, Robert V. Kemper and Anya Royce, eds., *Chronicling Cultures: Long-Term Field Research in Anthropology*. Walnut Creek, CA: AltaMira Press.
- Sahlins, Marshall D. 1961. The Segmentary Lineage: An Organization of Predatory Expansion. *American Anthropologist* 63:322-45, esp. pp. 323 and 337.
- Sampson, Samuel F. 1969. *Crisis in a Cloister*. Ph.D. Dissertation. Cornell University.
- Schnegg, Michael. 2003. *Das Fiesta Netzwerk: Soziale Organisation einer mexikanischen Gemeinde 1679-2001*. Ph. D. thesis: Institute of Ethnology, University of Cologne.
- Schweizer, Thomas. 1996. *Muster Sozialer Ordnung. Netzwerkanalyse als Fundament der Socioethnologie*. Berlin: Dietrich Reimer Verlag.
- 1997. Embeddedness of Ethnographic Cases: A Social Networks Perspective. *Current Anthropology* 38:739-760.
- 1998. Epistemology: The Nature and Validation of Anthropological Knowledge. Pp. 39-87 in *Handbook of Methods in Cultural Anthropology*, edited by H. Russell Bernard. Walnut Creek, CA: AltaMira Press.
- Schweizer, Thomas, and Douglas R. White, Eds. 1998. *Kinship, Networks and Exchange*. Cambridge: Cambridge University Press.
- Scott, John. 1991. (second edition 2000). *Social Network Analysis: A Handbook*. Newbury Park, CA: Sage Publications.
- Segalen, Martine. 1985. *Quinze générations des Bas-Bretons. Parenté et société dans le pays bigouden sud 1720-1980*. Paris: Presses Universitaires Françaises.
- Skvoretz, John. 2002. Complexity Theory and Social Networks. *Complexity* 8(1):47-55, special issue on Networks and Complexity edited by Douglas R. White.
- Skyhorse, Patricia. 2003. *Residence on Romonum Revisited*. Ph.D. Dissertation, Social Networks, University of California, Irvine.

- Solé, Ricard, and Brian Goodwin. 2000. *Signs of Life: How Complexity Permeates Biology*. New York: Basic Books.
- Stovel, Katherine W, Michael Savage and Peter S. Bearman. 1996. Ascription into Achievement: Models of Career Systems at Lloyds Bank, 1890-1970. *American Journal of Sociology* 102:358-399.
- Sümer, Faruk. 1967. Kara Koyunlular. *Türk Tarih Kurumu Yayınlarından VII*, 49. Ankara.
- 1980. *Ođuzlar (Türkmenler) Tarihleri, Boy Tepkilatý, Destanlarý, Ýlavelerle*. 3.edition. Istanbul.
- Suppes, Patrick. 1957. *Introduction to Logic*. Princeton: Van Nostrand.
- Svanberg, Ingvar. 1982. *A bibliography of the Turkish-speaking tribal Yörüks*. Etnologiska institutionens Småskriftserie 33. Uppsala.
- Tapper, Nancy. 1981. Direct Exchange and Bride price: Alternative Forms in a Complex Marriage System. *Man* (N.S.) 16: 387-407.
- Tilly, Charles. 1997. Micro, Macro, or Megrim? (Conference and Working Papers. Columbia University: Consortium for Qualitative Research Methods). <http://www.asu.edu/clas/polisci/cqrm/papers/Tilly/TillyMicromacro.pdf>
- Tjon Sie Fat, Franklin. 1983. Age Metrics and Twisted Cylinders: Predictions from a Structural Model. *American Ethnologist* 10:585-604.
- Travers, Jeffrey, and Stanley Milgram. 1969. An Experimental Study of the Small World Problem. *Sociometry* 32:425-443.
- Turchin, Peter. 2002. *Historical Dynamics: Why States Rise and Fall*. Book Ms. Princeton: Princeton University Press, in the series Princeton Studies in Complexity. <http://www.eeb.uconn.edu/faculty/turchin/hd.html>.
- Turner, Victor. 1957. *Schism and Continuity*. Oxford: Berg Publishers.
- Wasserman, Stanley, and Katherine Faust. 1994. *Social Network Analysis: Methods and Applications*. Cambridge: Cambridge University Press.
- Watts, Duncan. 1999. *Small Worlds: The Dynamics of Networks Between Order and Randomness*. Princeton, NJ: Princeton University Press.
- Watts, Duncan, and Steven Strogatz. 1998. Collective Dynamics of ‘Small-World’ Networks. *Nature* 393:440-442. http://www.nature.com/cgi-taf/DynaPage.taf?file=/nature/journal/v393/n6684/abs/393440a0_r.html
- Watts, Duncan, Peter S. Dodds, and Mark E. J. Newman. 2002. Identity and Search in Social Networks. *Science* 296:1302-1305. <http://www.sciencemag.org/cgi/content/full/296/5571/1302?ijkey=42UMdj5T6IIXQ&keytype=ref&siteid=sci>.
- Weil, André. 1969[trans. of 1949]. On the Algebraic Study of Certain Types of Marriage Laws, Appendix to Part One, Lévi-Strauss, Claude. 1969 [trans of 1949]. *The Elementary Structures of Kinship*. Boston: Beacon Press. Pp. 221-29.
- Wellman, Barry, and S. D. Berkowitz. 1988 (2nd Edition 1997, Elsevier Press). *Social Structures: A Network Approach*. Cambridge: Cambridge University Press.
- West, Geoffrey B., Brown, James H. & Brian J. Enquist. 1997. A general model for the origin of allometric scaling laws in biology. *Science* 276:122-126. http://eeb37.biosci.arizona.edu/~brian/West_Brown_Enquist_1997.pdf
- White, Douglas R. 1997. Structural endogamy and the network *graphe de par-*

- enté. *Mathématiques, informatique et sciences humaines* 137:101-125.
<http://eclectic.ss.uci.edu/nsh/str-endo.htm>
- 1999. Controlled Simulation of Marriage Systems, *Journal of Artificial Societies and Social Simulation* 3(2) <http://jasss.soc.surrey.ac.uk/2/3/5.html>
- 2002a. Emergence, transformation and decay in pastoral nomad socio-natural systems. To appear in *Emergence, Transformation and Decay in Socio-Natural Systems*, edited by Sander van der Leeuw, Uno Svedin, Tim Kohler, and Dwight Read.
- 2002b. Networks and Complexity: Converging Streams of Research. *Complexity* 8(1):14. Special Issue on Networks and Complexity. <http://eclectic.ss.uci.edu/~drwhite/Complexity/Intro.pdf>
- ed. 2002c. Special Issue on Networks and Complexity. *Complexity* 8(1).
<http://eclectic.ss.uci.edu/~drwhite/Complexity/SpecialIssue.htm>.
- White, Douglas R., Vladimir Batagelj and Andrej Mrvar. 1999. Analyzing Large Kinship and Marriage Networks with Pgraph and Pajek. *Social Science Computer Review* 17(3):245-274.
- White, Douglas R., and Frank Harary. 2001. The Exocohesiveness of Blocks in Social Networks: Connectivity and Conditional Density. *Sociological Methodology* 2001 vol. 31:305-359. Boston: Blackwell Publishers.
- White, Douglas R., and Michael Houseman. 2002. The Navigability of Strong Ties: Small Worlds, Tie Strength and Network Topology. *Complexity* 8(1):72-81. Special Issue on Networks and Complexity. <http://eclectic.ss.uci.edu/~drwhite/Complexity/K&C-a.pdf>
- White, Douglas R., and Paul Jorion. 1992. Representing and analyzing kinship: A Network Approach. *Current Anthropology* 33:454-462.
- 1996 Kinship Networks and Discrete Structure Theory: Applications and Implications. *Social Networks* 18:267-314.
- White, Douglas R., Walter W. Powell, Jason Owen-Smith and James Moody, 2003. Embeddedness in Multiple Networks, Organization Theory and Structural Cohesion Theory. In preparation for *Computational and Mathematical Organization Theory* special issue on Mathematical Representations for the Analysis of Social Networks within and between Organizations, guest edited by Alessandro Lomi and Phillipa Pattison.
- White, Douglas R., and Karl Reitz. 1983 Graph and Semigroup Homomorphisms. *Social Networks* 5:193-234.
- White, Douglas R., and Thomas Schweizer. 1998. Kinship, Property Transmission, and Stratification in Javanese Villages. pp. 36-58, in, Schweizer, Thomas, and Douglas R. White, Eds. 1998. *Kinship, Networks and Exchange*. Cambridge: Cambridge University Press.
- White, Douglas R., and Patricia Skyhorse. 1998. Parenté Suite: User's Manual for Analysis of Kinship and Marriage Networks. In, V. Burton, T. Finnigan, D. Herr, Eds., *Multimedia Renaissance in Social Science Computing*. CD-ROM. Urbana, IL.
- White, Harrison C. 2002a. *Markets from Networks: Socioeconomic Models of*

- Production*. Princeton: Princeton University Press.
- 2002b. How Businesses Mobilize Production Through Markets: Parametric Modeling of Path-dependent Outcomes in Network Flows. *Complexity* 8(1):87-95. Special Issue on Networks and Complexity. http://eclectic.ss.uci.edu/~drwhite/Complexity/WHITE-Mkt_net_firm_5-02.pdf
- White, Harrison C., Scott Boorman, Ronald Breiger. 1976. Social Structure from Multiple Networks. I. Blockmodels of Roles and Positions. *American Journal of Sociology* 81:730-780.
- Yalcin-Heckmann, Lale. 1991. *Tribe and Kinship among the Kurds*. European University Studies, ser. XIX, vol.27. Peter Lang
- Yalgın, Ali Rıza. 1931-1939. *Cenupta Türkmen Oymakları*, vol. I-V. Istanbul, Ankara and Adana.
- Yener, Enise. 1976. Ankara Erkek Kiyafetleri. *Türk Etnografya Dergisi* XV:125-135.
- Zachary, Wayne W. 1975. An information flow model for conflict and fission in small groups. *Journal of Anthropological Research* 33:452-473.
- Yeni Türkiye Atlası. 1977. *Harita Genel Müdürlüğü*. Ankara.

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