

**NETWORK ANALYSIS AND SOCIAL STRUCTURE:  
The Network Construction of Individuals and Groups**

Political Science 572/ Sociology 585  
Autumn 1999

Prof. John F. Padgett  
Pick 512

Asterisk items are required reading: on reserve at Regenstein; also an optional xerox packet, containing most items, is available for reproduction, through me.

Week 1. Introduction: Interactionism versus Structuralism (Sept.27)

(a) Theoretical Themes

- \* Georg Simmel, "Triad," in Kurt Wolff (ed.), The Sociology of Georg Simmel, part 2, chap. 4.  
A.R. Radcliffe-Brown, "On Social Structure." Journal of the Royal Anthropological Society of Great Britain and Ireland (1940) 70:1-12. Reprinted in Samuel Leinhardt (ed.), Social Networks: A Developing Paradigm.  
Claude Levi-Strauss, "Social Structure," in Claude Levi-Strauss, Structural Anthropology, chap.15.  
J. Boissevain, Friends of Friends: Networks, Manipulators and Coalitions, chap. 1.  
Barry Wellman, "Network Analysis: Some Basic Principles." Sociological Theory (1983) pp. 155-200.
- \* Barry Wellman, "Structural Analysis: From Method and Metaphor to Theory and Substance," in B. Wellman and S.D. Berkowitz (eds.), Social Structures: A Network Approach, chap. 2.

(b) Case Example: Informal Organization

- David Krackhardt, "Informal Networks: The Company behind the Chart." Harvard Business Review (July 1993) 105-111.
- \* David Krackhardt, "The Strength of Strong Ties: The Importance of Philos in Organizations," in Nitin Nohria and Robert Eccles (eds.), Networks and Organizations, chap. 8.  
Walter Powell, "Neither Market nor Hierarchy: Network Forms of Organization." Research in Organizational Behavior (1990) 12:295-336.

## Part 1. INTERACTIONISM

Week 2. Balance Theory and Clique Formation (October 4)

## (a) Cliques and Hierarchy: Balance Theory

Fritz Heider, "Attitudes and Cognitive Orientation," in Samuel Leinhardt, Social Networks: A Developing Paradigm.

- \* Howard Taylor, Balance in Small Groups, chap. 2.  
D. Cartwright and F. Harary, "Structural Balance: A Generalization of Heider's Theory," in Leinhardt, ibid  
James A. Davis, "Structural Balance, Mechanical Solidarity and Interpersonal Relations." AJS (1963) 68:444-62.  
James A. Davis, "Clustering and Structural Balance in Graphs," in Leinhardt, Social Networks.  
James A. Davis and Samuel Leinhardt, "The Structure of Positive Interpersonal Relations in Small Groups," in Joseph Berger (ed.), Sociological Theories in Progress, vol. 2.
- \* Paul W. Holland and Samuel Leinhardt, "Transitivity in Structural Models of Small Groups," in Leinhardt, Social Networks.  
Eugene Johnsen, "Network Macrostructural Models for the Davis-Leinhardt set of Empirical Sociomatrices." Social Networks (1985).  
Eugene Johnsen, "Structure and Process: Agreement Models for Friendship Formation." Social Networks (1986).
- \* Thomas S. Smith and Gregory T. Stevens, "The Architecture of Small Networks: Strong Interaction and Dynamic Organization in Small Social Systems," ASR 64 (1999): 403-420.

## (b) Cliques: Interpersonal and Economic Data

Theodore M. Newcomb, The Acquaintance Process (1961).  
James S. Coleman, The Adolescent Society (1961), chap. 7.  
Maureen Hallinan, The Structure of Positive Sentiment (1974).

- \* D. Eder and M.T. Hallinan, "Sex Differences in Children's Friendships." ASR (1978) 43:237-50.  
M.T. Hallinan and W.N. Kubitschek, "The Effects of Individual and Structural Characteristics on Intransitivity in Social Networks." Social Psychology Quarterly (1988) 51:81-92.
- \* Wayne Baker, "The Social Structure of a National Securities Market." AJS (1984) 89:775-811.  
Michael Gerlach, Alliance Capitalism: The Social Organization of Japanese Business (1992).  
James Lincoln, Michael Gerlach and Christiana Ahmadjian, "Keiretsu Networks and Corporate Performance in Japan,"

American Sociological Review (1996) 61:67-88.

(c) Hierarchy: Animal and Human Data

- H.G. Landau, "On Dominance Relations and the Structure of Animal Societies." Bulletin of Mathematical Biophysics (1951).
- Ivan Chase, "Models of Hierarchy Formation in Animal Societies." Behavioral Sciences (1974) 19:374-82.
- \* Ivan Chase, "Social Process and Hierarchy Formation in Small Groups: A Comparative Perspective." ASR (1980) 45:905-24.
- Frans de Waal, Chimpanzee Politics.
- Cecilia Ridgeway and David Diekema, "Dominance and Collective Hierarchy Formation in Male and Female Task Groups." ASR (1989) 54:79-93.
- Eugene Rosa and Allan Mazur, "Insipient Status in Groups." Social Forces (1979) 58:18-37.
- Allan Mazur et al., "Physiological Aspects of Communication via Mutual Gaze." AJS (1980) 86:50-74.
- Steve Ellyson and John Dovidio (eds.), Power, Dominance and Nonverbal Behavior (1985).

Week 3A. Strength of Weak Ties (October 11)

(a) Strength of Weak Ties

- Stanley Milgram, "The Small World Problem." Psychology Today (1967) 1:62-67.
- Anatol Rapoport and William Horvath, "A Study of a Large Sociogram," Behavioral Science (1961) 6:279-91.
- \* Mark Granovetter, "The Strength of Weak Ties," AJS (1973) 76:1360-80.
- Nan Lin, Walter Ensel and John Vaughn, "Social Resources and Strength of Ties: Structural Factors in Occupational Status Attainment," ASR (1981) 46:393-405.
- Gabriel Weimann, "On the Importance of Marginality." ASR (1982) 47:764-73.
- \* Mark Granovetter, "The Strength of Weak Ties: A Network Theory Revisited," Sociological Theory (1983), 201-33.
- Noah Friedkin, "A Test of Structural Features of Granovetter's Strength of Weak Ties Theory." Social Networks (1980) 2:411-22.
- Ronald L. Breiger and Philippa Pattison, "The Joint Role Structure of Two Communities' Elites." Sociological Methods and Research (1978) 7:213-26.
- Everett Rogers, "Network Analysis and the Diffusion of Innovations," in P. Holland and S. Leinhardt (eds.),

Perspectives on Social Network Research.

D.J. Bartholomew, Stochastic Models for Social Processes, 3rd edition, chap. 10.

Andrew Abbott and Alexandra Hrycak, "Networks of Musical Mobility in the German Baroque," Unpublished, 1988.

## (b) Careers

Mark Granovetter, Getting a Job: A Study of Contacts and Careers.

Everett Rogers and Judith Larsen, Silicon Valley Fever.

Scott Boorman, "A Combinatorial Optimization Model for Transmission of Job Information through Contact Networks," Bell Journal of Economics (1975) 6:216-49.

- \* Mark Granovetter, "Labor Mobility, Internal Markets and Job Matching: A Comparison of the Sociological and Economic Approaches," in Robert Robinson (ed.), Research in Social Stratification and Mobility (1986) vol. 5:3-39.

## (c) Voluntary Organizations

- \* J. Miller McPherson, "Voluntary Affiliation: A Structural Approach," in P. Blau and R. Merton (eds.), Continuities in Structural Inquiry, chap. 11:325-51.

Roger Petersen, Rebellion and Resistance: A Comparative Study of Resistance to Nazis in Lithuania, Yugoslavia and Ukraine, Ph.D. Dissertation, University of Chicago, 1992.

Gerald Gamm, White Flight: A Comparison of Irish and Jews in Boston, Ph.D. Dissertation, Harvard U., 1990.

## (d) Markets and Contracts

Robert G. Eccles and Dwight Crane, Doing Deals: Investment Banks at Work.

Wayne Baker, "Market Networks and Corporate Behavior," AJS (1990) 96:589-625.

Mark Suchman, On Advice of Counsel: Law Firms and Venture Capital Funds as Information Intermediaries in the Structuration of Silicon Valley, Ph.D. Dissertation, Stanford U., 1994.

Week 3B. Power and Centrality (Oct. 11, cont.)

## (a) Centrality

- \* Linton Freeman, "Centrality in Social Networks: Conceptual Clarifications." Social Networks (1979) 1:125-39.

Phillip Bonacich, "Power and Centrality: A Family of Measures." AJS (1987) 92:1170-82.

Karen Stephenson and Marvin Zelen, "Rethinking Centrality: Methods and Examples," Social Networks (1989) 11:1-37.

Noah Friedkin, "Theoretical Foundations for Centrality Measures." AJS (1991) 96:1478-504.

Wayne Baker and Robert Faulkner, "The Social Organization of Conspiracy: Illegal Networks in the Heavy Electrical Equipment Industry." ASR (1993) 58:837-60.

(b) Resource Dependency Theory

Richard Emerson, "Power Dependence Relations." ASR (1962) 27:31-41.

Richard Emerson, "Social Exchange Theory." Annual Review of Sociology (1976) 335-62.

Karen Cook, "Network Structures from an Exchange Perspective," in Peter Marsden and Nan Lin (eds.), Social Structure and Network Analysis, chap. 9.

- \* Karen Cook, Richard Emerson, M.R. Gillmore and T. Yamagishi, "The Distribution of Power in Exchange Networks: Theory and Experimental Results." AJS (1983) 89:275-305.

T. Yamagishi, M.R. Gillmore and K. Cook, "Network Connections and the Distribution of Power in Exchange Networks." AJS (1988) 93:833-51.

Barry Markovsky, D. Willer and T. Patton, "Power Relations in Exchange Networks." ASR (1988) 53:220-36.

Peter Marsden, "Restricted Access in Networks and Models of Power." AJS (1983) 88:686-717.

Linda Molm, "The Dynamics of Power in Social Exchange." ASR (1990) 55:427-47.

Jeffrey Pfeffer and Gerald Salancik, External Control of Organizations.

Phillip Bonacich, "A Psychological Basis for a Structural Theory of Power in Exchange Networks," unpublished ms., 1996.

(c) Power and Brokerage in Community Elites

Edward Laumann and Franz Pappi, Networks of Collective Action.

Edward Laumann, Peter Marsden and Joseph Galaskiewicz, "Community-Elite Influence Structures: Extension of a Network Approach." AJS (1977) 83:594-631.

Edward Laumann, Joseph Galaskiewicz and Peter Marsden, "Community Structure as Interorganizational Linkages." Annual Review of Sociology (1978) 4:455-84.

- \* Roger Gould, "Power and Social Structure in Community Elites." Social Forces (1989) 68:531-52.

Roger Gould and Roberto Fernandez, "Structures of Mediation: A Formal Approach to Brokerage in Transaction Networks." Sociological Methodology (1989) 19:89-126.

Roberto Fernandez and Roger Gould, "A Dilemma of State Power: Brokerage and Influence in the National Health Policy Domain." AJS (1994) 99:1455-91.

## Part 2. STRUCTURALISM

Week 4. Structural Equivalence (October 18)

## (a) Structural Equivalence Classes out of Relations

- G.A. Cohen, Karl Marx's Theory of History.  
 S.F. Nadel, The Theory of Social Structure.  
 Francois Lorrain and Harrison C. White, "Structural Equivalence of Individuals in Social Networks." Journal of Mathematical Sociology (1971) 1:49-80.
- \* Harrison C. White, Scott A. Boorman and Ronald L. Breiger, "Social Structure from Multiple Networks. I. Blockmodels of Roles and Positions." AJS (1976) 81:730-80.  
 Ronald Burt, "Positions in Networks." Social Forces (1976) 55:93-122.  
 Ronald Burt, "Cohesion versus Structural Equivalence as a Basis for Network Subgroups," in Ronald Burt and Michael Minor (eds.), Applied Network Analysis.  
 P. Arabie, S.A. Boorman and P.R. Leavitt, "Constructing Blockmodels: How and Why." Journal of Mathematical Psychology (1978).  
 William Panning, "Blockmodels from Relations to Configurations," American Journal of Political Science (1982) 26:585-608.
  - \* Ronald S. Burt, "Social Contagion and Innovation: Cohesion versus Structural Equivalence." AJS (1987) 92:1287-335.  
 Katherine Faust, "Comparison of Methods for Positional Analysis: Structural and General Equivalences." Social Networks (1988) 10:313-41.
  - \* Stephen Borgatti and Martin Everett, "Notions of Position in Social Network Analysis," Sociological Methodology (1992) 1-35.

## (c) Blockmodelling Examples: International Trade

- Ronald L. Breiger, "Career Attributes and Network Structure: A Blockmodel Study of a Biomedical Research Specialty." ASR (1976) 41:117-35.  
 David Snyder and Edward Kick, "Structural Position in the World System and Economic Growth, 1955-1970," American Journal of Sociology 84:1096-1126.
- \* Ronald L. Breiger, "Structures of Economic Interdependence among Nations," in P. Blau and R. Merton (eds.), Continuities in Structural Inquiry, chap. 12:353-380.  
 Roger J. Nemeth and David A. Smith, "International Trade and World-System Structure: A Multiple Network Analysis," Review (Fernand Braudel Center) 8 (1985):517-560.

David A. Smith and Douglas R. White, "Structure and Dynamics of the Global Economy: Network Analysis of International Trade, 1965-1980," Social Forces 70 (1992):857-893.

Week 5A. Duality (October 25)

(a) The Duality of Persons and Groups

- Georg Simmel, Conflict and the Web of Group Affiliations.
- \* Ronald L. Breiger, "The Duality of Persons and Groups." Social Forces (1974) 53:181-90. Reprinted in B. Wellman and S. Berkowitz, Social Structures.  
Ronald L. Breiger, "Social Control and Social Networks: A Model from Georg Simmel," in Donald Black (ed.), Toward a General Theory of Social Control.  
Frans Stokman, Rolf Ziegler and John Scott (eds.), Networks of Corporate Power: A Comparative Analysis of Ten Countries, chap. 1.
- \* J. Miller McPherson, "Voluntary Affiliation: A Structural Approach," in Peter Blau and Robert Merton (eds.), Continuities in Structural Inquiry, chap. 11:325-51.  
Peter Blau, Heterogeneity and Inequality.  
Peter Blau and Joseph Schwartz, Cross-Cutting Social Circles

Week 5B. Mobility and Markets (Oct. 25, cont.)

(a) Structural Mobility and Vacancy Chains

- Harrison C. White, Chains of Opportunity (1970).  
Shelby Stewman and S.L. Konda, "Careers and Organizational Labor Markets." AJS 88:637-85.  
Shelby Stewman, "Organizational Demography." Annual Review of Sociology (1988) 14:173-202.
- \* Ivan Chase, "Vacancy Chains." Annual Review of Sociology (1991) 17:133-54.  
Andrew Abbott, "Vacancy Models for Historical Data, " in R.L. Breiger (ed.), Social Mobility and Social Structure, pp. 80-102.  
John F. Padgett, "Review Essay: The Alchemist of Contingency Theory," American Journal of Sociology (1992) 97:1462-70.
- \* John F. Padgett, "Mobility as Control: Congressmen through Committees," in R.L. Breiger (ed.), Social Mobility and Social Structure, pp. 27-58.  
Peter Marsden and Karen Campbell, "Recruitment and Selection Processes: The Organizational Side of Job Searches," in R.L. Breiger, ibid, pp. 59-79.
- \* Robert Faulkner, Music on Demand: Composers and Careers in the Hollywood Film Industry (1983), chaps. 8,9.  
Wayne Baker and Robert Faulkner, "Role as Resource in the Hollywood Film Industry." AJS (1991) 97:279-309.

## (b) Structural Autonomy in Markets

- Ronald Burt, "Autonomy in a Social Topology." AJS (1980) 85:892-925.
- Ronald Burt, Kenneth Christman and Harold Kilburn, "Testing a Structural Theory of Corporate Cooptation." ASR 45:821-41.
- Ronald Burt, Toward a Structural Theory of Action.
- Ronald Burt, Corporate Profits and Cooptation.
- Ronald Burt, Structural Holes.

## Part 3: SPECIAL TOPICS

Week 6. Statistical Supplement (November 1)

## (a) Data Collection Issues

- \* Peter V. Marsden, "Network Data and Measurement." Annual Review of Sociology  
Peter D. Killworth and H. Russell Bernard, "Informant Accuracy in Social Network Data." Human Organization (1976) 35:269-86.  
Peter D. Killworth and H. Russell Bernard, "Informant Accuracy in Social Network Data III: A Comparison of Triadic Structure in Behavioral and Cognitive Data." Social Networks (1979) 2:10-46.  
Linton C. Freeman, A.K. Romney and S.C. Freeman, "Cognitive Structure and Informant Accuracy." American Anthropologist (1987) 89:310-25.
- \* Edward O. Laumann, Peter Marsden and David Prensky, "The Boundary Specification Problem in Network Analysis," in R.S. Burt and M.J. Minor (eds.), Applied Network Analysis.  
Mark Granovetter, "Network Sampling: Some First Steps." AJS (1976) 83:1287-1303.  
J. Miller McPherson, "Hypernetwork Sampling: Duality and Differentiation among Voluntary Organizations." Social Networks (1982) 3:225-49.

## (b) Clustering

- R.L. Breiger, S.A. Boorman and P. Arabie, "An Algorithm for Clustering Relational Data, with Applications to Social Network Analysis and Multidimensional Scaling." Journal of Mathematical Psychology (1975) 12:328-83.
- P.J. Carrington, G.H. Heil and S.D. Berkowitz, "A Goodness-of-fit Measure for Blockmodels." Social Networks (1980)
- Eliot Noma and D. Randall Smith, "Benchmark for the Blocking of Sociometric Data." Psychological Bulletin (1985) 97:583-91.
- W.H. Panning, "Fitting Blockmodels to Data." Social Networks



- (1982) 4:81-101.
- \* David Knoke and James Kulinski, Network Analysis, chap. 4.
  - \* Ronald S. Burt, "Models of Network Structure." Annual Review of Sociology (1980) 6:79-141.
  - K. Faust and A.K. Romney, "Does STRUCTURE find Structure? A Critique of Burt's Use of Distance as a Measure of Structural Equivalence." Social Networks (1985) 7:77- 103.
  - Gregory H. Heil, "Empirical Blocking Methods," in Linton C. Freeman et al (eds.), Research Methods in Social Network Analysis, chap. 12.
  - "Cluster Analysis," chap. 3 in SPSS/PC+ Advanced Statistics.
  - Susan Schiffman, Introduction to Multidimensional Scaling.
  - Paul Green, Multidimensional Scaling: Concepts and Applications.
  - Phipps Arabie and J. Douglas Carroll, "Conceptions of Overlap in Social Structure," in Linton C. Freeman et al (eds.), Research Methods in Social Network Analysis.

(c) Regression

- Lutz Erbring and Alice Young, "Individuals and Social Structure: Contextual Effects as Endogenous Feedback." Sociological Methods and Research (1979) 7:396-430.
- Patrick Doreian, "Estimating Linear Models with Spatially Distributed Data." Sociological Methodology (1981), pp. 359-88.
- Andrew Cliff and Keith Ord, Spatial Processes: Models and Applications.
- \* Noah E. Friedkin, "Social Networks in Structural Equation Models." Social Psychology Quarterly (1990) 53:316-28.
- David Krackhardt, "QAP Partialling as a Test of Spuriousness." Social Networks (1987) 9:171-86.
- \* David Krackhardt, "Predictions with Networks: Nonparametric Multiple Regression Analysis of Dyadic Data." Social Networks (1988) 10:359-81.

Week 7. Robust Action and Identity (November 8)

- Harrison C. White, Identity and Control.
- \* Eric Leifer, "Interaction Preludes to Role Setting: Exploratory Local Action." ASR (1988) 53:865-78.
- \* John F. Padgett and Christopher Ansell, "Robust Action and the Rise of the Medici, 1400-1434." (1993) AJS 98:1259-1319.
- Doug McAdam, "Recruitment to High-Risk Activism: The Case of Freedom Summer." AJS (1986) 92:64-90.
- Roger V. Gould, Insurgent Identities.
- \* Mustafa Emirbayer and Jeff Goodwin, "Network Analysis, Culture, and the Problem of Agency." AJS (1994) 99:1411-54.

Week 8. Modelling of Network Dynamics (November 15)

## (a) Connectionism and Neural Nets

Antonio Damasio, Descartes' Error: Emotion, Reason, and the Human Brain (New York: Avon, 1995).

David Rumelhart, James McClelland and the PDP Research Group, Parallel Distributed Processing: Explorations in the Microstructure of Cognition (volumes 1 and 2) (Cambridge, Mass.: MIT Press, 1992).

- \* William Bechtel and Adele Abrahamsen, Connectionism and the Mind: An Introduction to Parallel Processing in Networks, chap. 2. (Cambridge, Mass.: Basil Blackwell, 1991).
- Edwin Hutchins, Cognition in the Wild, (Cambridge, Mass.: MIT Press, 1995).

## (b) Emergent Organization: the "Santa Fe Approach"

Manfred Eigen and Peter Schuster, The Hypercycle (Berlin: Springer Verlag, 1979).

Stuart Kauffman, The Origins of Order: Self-Organization and Selection in Evolution (New York: Oxford, 1993).

George Cowan, David Pines and David Melzer (eds.), Complexity: Metaphors, Models, and Reality (Reading, Mass: Addison-Wesley, 1994).

Leo Buss, The Evolution of Individuality (Princeton U, 1987).

Walter Fontana and Leo Buss, "The Arrival of the Fittest: Toward a Theory of Biological Organization," Bulletin of Mathematical Biology (1994) 56:1-64.

Walter Fontana and Leo Buss, "The Barrier of Objects: From Dynamical Systems to Bounded Organizations," in John Casti, et al (eds.), Boundaries and Barriers.

- \* John F. Padgett, "The Emergence of Simple Ecologies of Skill: A Hypercycle Approach to Economic Organization," in W. Brian Arthur, et al. (eds.), The Economy as an Evolving Complex System II, 1997 SFI Studies in the Sciences of Complexity.
- \* John F. Padgett, "Organizational Genesis, Identity, and Control: The Transformation of Banking in Renaissance Florence," unpublished ms., October 1998.

Part 4: APPLICATIONS--one of following topics will be chosen

Week 9 (November 22)

9A. Social Movements and Political Parties

## (a) Social Movements

Craig Jenkins, "Resource Mobilization Theory and the Study of Social Movements." Annual Review of Sociology (1983) 9:527-53.

David Snow, Louis Zurcher, and Sheldon Ekland-Olson, "Social Networks and Social Movements: A Microstructural Approach to Differential Recruitment." ASR (1980) 45:787-801.

- \* Doug McAdam, "Recruitment to High-Risk Activism: The Case of Freedom Summer." AJS (1986) 92:64-90.

Roberto Fernandez and Doug McAdam, "Social Networks and Social Movements: Multiorganizational Fields and Recruitment to Mississippi Freedom Summer." Sociological Forum (1988) 92:64-90.

Mark Traugott, "The Determinants of Political Orientation: Class and Organization in the Parisian Insurrection of June 1848." AJS (1980) 86:32-49.

- \* Roger V. Gould, "Multiple Networks and Mobilization in the Paris Commune." ASR (1991) 56:716-29.

Roger V. Gould, Insurgent Identities.

Roger Peterson, Rebellion and Nazi Resistance during World War II: Lithuania, Ukraine, and Yugoslavia. Univ. of Chicago Political Science dissertation, 1991.

## (b) Political Parties and Factions

- \* Frederik Barth, Political Leadership among Swat Pathans, chaps. 7, 9.

Joyce Pettigrew, Robber Noblemen: A Study of the Political System of the Sikh Jats.

Carl Lande, Leaders, Factions and Parties: The Structure of Philippine Politics.

Steffen W. Schmidt, James C. Scott, Carl Lande and Laura Guasti (eds.), Friends, Followers and Factions.

Lily Ross Taylor, Party Politics in the Age of Caesar.

- \* Anton Blok, The Mafia of a Sicilian Village, chap. 1.

Dale Kent, The Rise of the Medici: Faction in Florence, 1426-34.

John F. Padgett and Christopher Ansell, "Robust Action and the Rise of the Medici, 1400-1434," American Journal of Sociology, 98 (May 1993): 1259-1319.

Judith Chubb, Patronage, Power and Poverty in Southern Italy

- \* Martin Shefter, "The Emergence of the Political Machine: An Alternate View," in Willis D. Hawley et al. (eds.), Theoretical Perspectives on Urban Politics.

Steven P. Erie, Rainbow's End: Irish-Americans and the Dilemmas of Urban Machine Politics, 1840-1985.

9B. Trust and Generalized Exchange

## (a) Anthropological Background

- Bronislaw Malinowski, The Argonauts of the Pacific.  
 Marcel Mauss, The Gift.  
 Claude Levi-Strauss, The Elementary Forms of Kinship.  
 Rodney Needham, Structure and Sentiment.  
 \* Peter Ekeh, Social Exchange Theory: The Two Traditions,  
 chap. 3.  
 Marshall Sahlins, Stone Age Economics.  
 \* Bruce Kapferer, Transaction and Meaning, chap. 1.  
 Andrew Strathern, The Rope of Moka: Big Men and Ceremonial  
 Exchange in New Guinea.  
 Paula Rubel and A. Rosman, Your Own Pigs You May Not Eat.  
 Maurice Godlier and Marilyn Strathern (eds.), Big Men and  
 Great Men: Personifications of Power in Melanesia.

## (b) Reciprocity and Giving

- Alvin Gouldner, "The Norm of Reciprocity." ASR (1960)  
 25:161-78.  
 Mary Gillmore, "Generalized Exchange," in Karen S. Cook  
 (ed.), Social Exchange Theory.  
 Eric Leifer, "Interaction Preludes to Role Setting." ASR  
 (1988) 53:865-78.  
 Theodore Caplow, "Christmas Gifts and Kin Networks." ASR  
 (1982) 47:383-92.  
 \* Theodore Caplow, "Rule Enforcement without Visible Means:  
 Christmas Giving in Middletown." AJS (1984) 89:1306-23.  
 \* Carol B. Stack, All Our Kin: Strategies for Survival in a  
 Black Community, chaps. 3, 6.  
 \* Edwina Uehara, "Dual Exchange Theory, Social Networks and  
 Informal Social Support." AJS (1990) 96:521-57.

## (c) Relations in Business

- Mary Douglas, "Primitive Rationing: A Study in Controlled  
 Exchange," in Raymond Firth (ed.), Themes in Economic  
 Anthropology.  
 Viviana Zelizer, "The Social Meaning of Money: 'Special  
 Monies'." AJS (1989) 95:342-77.  
 \* Stuart Macaulay, "Non-Contractual Relations in Business: A  
 Preliminary Study." ASR (1963) 28:55-67.  
 \* Mark Granovetter, "Economic Action and Social Structure: The  
 Problem of Embeddedness." AJS (1985) 91:481-510.  
 \* Brian Uzzi, "Embeddedness and its Paradoxes," unpublished ms.,  
 1995.  
 \* Paul McLean and John F. Padgett, "Was Florence a perfectly  
 competitive market? Transactional evidence from the  
 Renaissance," Theory and Society 26(1997):209-244.  
 Frank Romo and Michael Schwartz, "The Structural Embeddedness  
 of Business Decisions: The Migration of Manufacturing  
 Plants in New York State, 1960-1985," American

- Sociological Review (1995) 60: 874-907.  
 Jeffrey Bardach and Robert Eccles, "Price, Authority, and Trust: From Ideal Types to Plural Forms." Annual Review of Sociology (1989) 15:97-118.  
 Bruce Carruthers, State-Building and Market Making: Politics and Public Debt in the English Financial Revolution, 1672-1712. U. of Chicago dissertation, 1991.  
 Rodney Clark, The Japanese Company.

### 9C. Urbanism and Personal Ties

#### (a) Urban Families and Friends

- Georg Simmel, "Group Expansion and the Development of Individuality," in Donald Levine (ed.), Georg Simmel: On Individuality and Social Forms.  
 Rose Coser, "The Complexity of Roles as a Seedbed of Individual Autonomy," in Lewis Coser (ed.), The Idea of Social Structure.  
 Allan Silver, "Friendship in Commercial Society: Eighteenth Century Social Theory and Modern Sociology." AJS (1990) 95:1474-1504.
- \* Elizabeth Bott, "Urban Families: Conjugal Roles and Social Networks." Human Relations (1955) 8:345-83. Reprinted in S. Leinhardt, Social Networks.  
 Henry Irving, "Social Networks in the Modern City." Social Forces (1977) 55:867-80.  
 Edward O. Laumann, Bonds of Pluralism: The Form and Substance of Urban Social Networks.  
 Lois M. Verbrugge, "The Structure of Adult Friendship Choices." Social Forces (1977) 56:576-97.  
 Claude S. Fischer et al., Networks and Places: Social Relations in the Urban Setting.  
 Barry Wellman, "The Community Question." AJS (1979) 84:1201-31.
  - \* Claude S. Fischer, To Dwell Among Friends: Personal Networks in Town and City, chaps. 1, 12, 13, 15, 16.  
 Peter Marsden, "Core Discussion Networks for Americans." ASR (1987) 52:122-31.
  - \* Robert Huckfeldt, Politics in Context: Assimilation and Conflict in Urban Neighborhoods, chaps. 2, 4, 5.  
 Barry Wellman, Peter J. Carrington and Alan Hall, "Networks as Personal Communities," in Barry Wellman and S. Berkowitz, Social Structures, chap. 8.
- more Huckfeldt:  
 Huckfeldt and Sprague, "Networks in Context: The Social Flow of Political Information," APSR (1987).  
 Huckfeldt and Sprague, "Choice, Social Structure and Political Information: The Informational Coercion of Minorities,"

AJPS (1988).

Huckfeldt and Sprague, "Discussant effects on Vote Choice: Intimacy, Structure, and Interdependence," Journal of Politics (1991).

Huckfeldt and Sprague, "Political Discussion in an Election Campaign," in Citizens, Politics, and Social Communication (1995).

Huckfeldt, Beck, Dalton, and Levine, "Political environments, Cohesive Social Groups, and the Communication of Public Opinion," AJPS (1995).

(b) Segregation

- \* Thomas Schelling, Micromotives and Macrobehavior, chap. 4.
- \* Mark Granovetter, "Threshold Models of Collective Behavior." AJS (1978) 83:1420-43.
- Michael Macy, "Chains of Cooperation: Threshold Effects in Collective Action." ASR (1991) 56:730-47.
- Kenneth G. Wilson, "Problems in Physics with Many Scales of Length." Scientific American (1979) 241:158-79.
- Richard P. Taub, D. Garth Taylor, and Jan D. Dunham, Paths of Neighborhood Change, chap. 7.
- David Harvey, The Urban Experience.

9D. Kinship and Clans

(a) Clans in Tribes

- A.R. Radcliffe-Brown and Daryll Forde (eds.), African Systems of Kinship and Marriage.
- \* E.E. Evans-Pritchard, The Nuer, chap. 4.
- Meyer Fortes, The Dynamics of Clanship among the Tallensi.
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