

FORMAL METHODS

COLLECTIONS of ESSAYS

Ballonoff, Paul A. (ed.)
1974. *Mathematical Models of Social and Cognitive Structures: Contributions to the Mathematical Anthropology*. Urbana, IL: University of Illinois Press.

Review: Kronenfeld 1976.

Kay, Paul. (ed.)
1971. *Explorations in Mathematical Anthropology*. Cambridge, MA: MIT Press.

Review: Scheffler 1972.

SPECIAL ISSUES

Hammel, Eugene A. (ed.)
1965. Formal Semantic Analysis. *American Anthropologist* 65 (5, pt. 2).

Review: Robins 1966.

GENERAL

Álvarez Munárriz, L.
1998. Antropolgía Cognitiva. In *Antropología: Horizontes Teóricos*. Pp. 57-94. Granada: Comares. [Especially pp. 79-94: "Ethnosemantics."]

Berreman, Gerald D. **HAVE**
1966. Anemic and Emetic Analyses in Social Anthropology. *American Anthropologist* 68 (2): 346-354. [Critique of ethnoscience.]

Reprinted in: *Culture and Cognition: Rules, Maps, and Plans*, edited by James P. Spradley. Pp. 223-232. San Francisco, etc.: Chandler, 1972.

Borland, C. H. **HAVE**
1979. Kinship Term Grammar: A Review. *Anthropos* 74 (3-4): 326-352. [Cross-listed in AFRICA.]

Reprinted in *Kinship: Contemporary Perspective*, edited by S. M. Channa. Pp. 142-175. New Delhi: Cosmo Publications.

Brown, Penny.
2006. Cognitive Anthropology. In *Language, Culture and Society: Key Topics in Linguistic Anthropology*, edited by Christine Jourdan and Kevin Tuite. Pp. 96-114. Cambridge: Cambridge University Press. [Pp. 98-100: ethnoscience and the study of kin terminologies.]

Buchler, Ira R.
1964. *A Formal Theory of Kinship Reckoning*. Ph.D. dissertation. University of Pittsburgh. 176 P.

Colby, Benjamin N. **HAVE**
1966. Ethnographic Semantics: A Preliminary Survey. *Current Anthropology* 7 (1): 3-32.

Colby, Benjamin N.
1975. Culture Grammars. *Science* 187 (4180): 913-919. [Studies of kin terms are referred to in passing.]

Colby, Benjamin N., James W. Fernandez, and David B. Kronenfeld. **HAVE**
1981. Toward a Convergence of Cognitive and Symbolic Anthropology. *American Ethnologist* 8 (3): 422-450. (Special Issue: *Symbolism and Cognition*.) [Includes reflections on componential and other forms of formal kinship analysis.]

D'Andrade, Roy G. **HAVE**
1970. Structure and Syntax in the Semantic Analysis of Kinship Terminologies. In *Cognition: A Multiple View*, edited by Paul L. Garvin. Pp. 87-144. New York and Washington: Spartan Books.

D'Andrade, Roy G.
1995. *The Development of Cognitive Anthropology*. Cambridge: Cambridge University Press. [Pp. 16-57: kin terminologies (Chiricahua and American English as examples; sibling typology, comparison of Wallace-Atkins vs. Romney-D'Andrade model, conjunction vs. disjunction, markedness, etc.)] **HAVE**

Davis, Kingsley.
1936. *A Structural Analysis of Kinship: Prolegomena to the Sociology of Kinship*. Ph.D. dissertation. Harvard University.

Davis, Kingsley, and W. Lloyd Warner. **HAVE**
1937. Structural Analysis of Kinship. *American Anthropologist* 39 (2): 291-313.

Reprinted in: *Kinship and Social Organization*, edited by Paul Bohannan and John Middleton. Pp. 61-92. Garden City, N. Y.: Natural History Press, 1968.

Durbin, M.
1966. The Goals of Ethnoscience. *Anthropological Linguistics* 8 (8): 22-41.

Hanifi, M. Jamil.
1974. An Appraisal of Formal and Structural Kinship Analysis. *International Journal of the Sociology of the Family* 4 (1): 53-57.

Kay, Paul. **HAVE**
1970. Some Theoretical Implications of Ethnographic Semantics. *Bulletin of the American Anthropological Association* 3 (3, pt. 2): 19-31. (Special Issue: "Current Directions in Anthropology," edited by Ann Fischer.)

Keen, Ian.
1985. Definitions of Kin. *Journal of the Anthropological Research* 41 910: 62-90.

Reprinted in *Kinship: Contemporary Perspective*, edited by S. M. Channa. Pp. 32-66. New Delhi: Cosmo Publications.

Kronenfeld, David B.
1996. *Plastic Glasses and Church Fathers: Semantic Extension from the Ethnoscience Tradition*. Oxford: Oxford University Press.

Review: Salzmann 1998.

Kronenfeld, David B. **HAVE**
2001. Using Sydney H. Gould's Formalization of Kin Terminologies: Social Information, Skewing and Structural Types. *Anthropological Theory* 1 (2): 173-196.

Kronenfeld, David B.
2004. On Language and Culture: Another Strand. *Current Anthropology* 45 (4): 532-533. [Criticism of Alessandra Duranti's review "Language and Culture in U.S. Anthropology: Three Paradigms" (*Current Anthropology* 44: 323-347) for the omission of the formal studies of kinship.]

Kronenfeld, David B.
2006. Issues in the Classification of Kinship Terminologies. *Anthropos* 101: 203-219.

Lave, Jean, Alex Stepick, and Lee Sailer. **HAVE**
1977. Extending the Scope of Formal Analysis: A Technique for Integrating Analysis of Kinship Relations With Analyses of Other Dyadic Relations. *American Ethnologist* 4 (2): 321-337.

Maranda, Pierre.
1967. Formal Analysis and Inter-Cultural Studies. *Social Science Information* 6 (4): 7-36.

Merrifield, William A. **HAVE**
1983a. Comments on Kinship Notation. In *Gods, Heroes, Kinsmen: Ethnographic Studies from Irian Jaya, Indonesia*, edited by William R. Merrifield, Marilyn Gregerson and Danial C. Ajamiseba. Pp. 177-190. Jayapura: Cenderawasih University and Dallas, TX: International Museum of Cultures.

Merrifield, William R.
1983b. On the Formal Analysis of Kinship Terminologies. In *Essays In Honor of Charles F. Hockett*. Cornell Linguistic Contributions. Vol. 4, edited by F. van Coetsem and L. R. Waugh. Pp. 371-404. Leiden: E. J. Brill.

Nogle, Lawrence E.
1974. *Method and Theory in the Semantics and Cognition of Kinship Terminology*. Ph.D. dissertation. University of Illinois, Urbana-Champaign. 132 P.

Nogle, Lawrence E.
1974. *Method and Theory in the Semantics and Cognition of Kinship Terminology*. The Hague and Paris: Mouton.

Oden, G. C., and L. L. Lopes.
1980. Kin Search: Answering Questions about Relations among Relatives. *Journal of Experimental Psychology: Human Learning and Memory* 6 (5): 479-491.

Overing, Joanna. **HAVE**
1987. Translation as a Creative Process: The Power of the Name. In *Comparative Anthropology*, edited by Ladislav Holy. Pp. 70-87. Oxford: Basil Blackwell. [Includes critique of the ethnosemantics of kin terms.]

Psalthas, George.
1968. Ethnomethods and Phenomenology. *Social Research* 35: 500-520.

Reprinted as *Ethnoscience and Ethnomethodology* in: *Culture and Cognition: Rules,*

Maps and Plans, edited by James P. Spradley. Pp. 206-222. San Francisco: Chandler, 1972. [More on color terms, but has kin terms research as a background.]

Renner, Egon.

1980. *Die Kognitive Anthropologie: Aufbau und Grundlagen eines Ethnologisch-Linguistischen Paradigmas*. Berlin: Duncker & Humblot.

Review: Kronenfeld 1983.

Scheffler, Harold W.

1972. Kinship Semantics. *Annual Review of Anthropology* 1: 309-328.

HAVE

Scheffler, Harold W.

2002. Kinship Terms. In *Lexikologie: Ein Internationales Handbuch zur Natur und Struktur von Wörtern und Wortschätzen = Lexicology: An International Handbook on the Nature and Structure of Words and Vocabularies*, edited by D. Alan Cruse, Franz Hundsnurscher, Michael Job, and Peter R. Lutzeier. Vol. 2. Pp. 1538-1541. Berlin and New York: Walter de Gruyter. [Cross-listed in ENCYCLOPEDIA.]

HAVE

Sturtevant, William C.

1964. Studies in Ethnoscience. *American Anthropologist* 66 (2): 99-131. (Special Issue: *Transcultural Studies in Cognition*.)

HAVE

Reprinted in *Theory in Anthropology: A Source-Book*, edited by Robert A. Manners and David Kaplan. Pp. 475-500. Chicago: University of Chicago Press, 1968; *Culture and Cognition: Rules, Maps, and Plans*, edited by James P. Spradley. Pp. 129-167. San Francisco, etc.: Chandler, 1972.

Tyler, Stephen A.

1966. Whose Kinship Reckoning? Comments on Buchler. *American Anthropologist* 68 (2, pt. 1): 513-516.

HAVE

Tyler, Stephen A.

1969. The Myth of P: Epistemology and Formal Analysis. *American Anthropologist* 71 (1): 71-78.

HAVE

Wallace, Anthony F. C., John Atkins.

1960. The Meaning of Kinship Terms. *American Anthropologist* 62 (1): 58-80.

HAVE

Reprinted in: *Cognitive Anthropology*, edited by Stephen A. Tyler. Pp. 345-369. New York: Holt, Rinehart and Winston, 1969; *Selected Papers from the American Anthropologist, 1946-1970*. Pp. 272-294. Washington, D.C.: American Anthropological Association, 1976.

Werner, Oswald.

1966. Pragmatics and Ethnoscience. *Anthropological Linguistics* 8 (8): 42-65.

Werner, Oswald.

1972. Ethnoscience 1972. *Annual Review of Anthropology* 1: 271-308.

HAVE

Winkelman, John H.

1975. Semantic Representation of Kinship Systems. *Journal of Psycholinguistic Research* 4 (2): 133-140. [Comparison of associate, semantic feature, logical predicate and algebraic modes of the representation of kin terminologies.]

HAVE

Woolford, Ellen. **HAVE**
1984. Universals and Rule Options in Kinship Terminology: A Synthesis of Three Formal Approaches. *American Ethnologist* 11 (4): 771-790. (Special Issue: *Social Structure and Social Relations*.)

ALGEBRAI, MATHEMATICAL AND COMPUTER METHODS

Ascher, Marcia, and Robert Ascher.
1986. Ethnomathematics. *History of Science* 24 (64, pt. 2): 125-144. [Includes discussion of Australian marriage rules.]

Atkins, John R.
1959. The Cardinality of a Kin Relationship. *Philadelphia Anthropological Society Bulletin* 13 (1): 7-10.

Atkins, John R.
1974a. Consanguineal Distance Measures: A Mathematical Analysis. In *Mathematical Models of Social and Cognitive Structures: Contributions to the Mathematical Anthropology*, edited by Paul A. Ballonoff. Pp. 1-10. Urbana, IL: University of Illinois Press.

Atkins, John R. **HAVE**
1974b. On the Fundamental Consanguineal Numbers and Their Structural Basis. *American Ethnologist* 1 (1): 1-31.

Atkins, John R.
1974c. GRAFIK: A Multipurpose Kinship Metalanguage. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 27-51. Paris and The Hague: Mouton.

Atkins, John R.
1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 390-391.

Ballonoff, Paul A.
1970. *An Axiomatic Theory of Marriage*. Ph.D. dissertation. University of California, Los Angeles.

Ballonoff, Paul A.
1973. Structural Statistics: Models Relating Demography and Social Structure, with Applications to Apache and Hopi. *Social Biology* 20 (4): 421-426.

Ballonoff, Paul A.
1974. Genealogical Mathematics: Observations on a Conference and Prospects for the Future. *Social Science Information* 13 (4/5): 45-57.

Ballonoff, Paul A.
1974b. Statistical Theory of Marriage Structures. In *Mathematical Models of Social and Cognitive Structures: Contributions to the Mathematical Anthropology*, edited by Paul A. Ballonoff. Pp. 11-27. Urbana, IL: University of Illinois Press.

Ballonoff, Paul A.
1976a. *Mathematical Foundations of Social Anthropology*. The Hague: Mouton.

Review: Cargal 1977.

Ballonoff, Paul A.

1976. Note on a Category Arising Naturally in Marriage Theory. *Social Science Information* 15 (4/5): 823-829.

Ballonoff, Paul A.

1983. Theory of Lineage Organizations. *American Anthropologist* 85 (1): 70-91.

Barnard, Alan

1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 391.

Batagelj, Vladimir and Andrej Mrvar.

2008. Analysis of Kinship Relations With Pajek. *Social Science Computer Review* 26 (2): 224-246.

Boyd, John P.

1966. *The Algebra of Kinship*. Ph.D. dissertation. University of Michigan. 105 P.

Boyd, John P.

1968. Mathematical Reasoning and Mathematical Conventions. *American Anthropologist* 70 (1): 107. **HAVE**

Boyd, John P.

1969. The Algebra of Group Kinship. *Journal of Mathematical Psychology* 6 (1): 139-167.

Boyd, John P.

1972. Erratum. *Journal of Mathematical Psychology* 9: 339.

Boyd, John P.

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 774. **HAVE**

Brody, Baruch.

1967. *The Rise of the Algebra of Logic*. Ph.D. dissertation. Princeton University. [Pp. 176-210: "The Beginnings of the Theory of Relations."]

Buchler, Ira, and Michael Fischer.

1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 391-392.

Burton, Michael.

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 774-775. **HAVE**

Bush, Robert R.

1963. Appendix III : An Algebraic Treatment of Rules of Marriage and Descent. In *An Anatomy of Kinship*, by Harrison C. White. Pp. 159-172. Englewood Cliffs, N.J.: Prentice Hall.

Carroll, Michael P.

HAVE

1973. Applying Heider's Theory of Cognitive Balance to Claude Levi-Strauss. *Sociometry* 36 (3): 301. [Graph method applied to Lévi-Strauss's "atom of kinship."]

Coult, Allan D.

1968. Uses and Abuses of Computers in Anthropology. In *Calcul et Formalisation dans les Sciences de l'Homme*. Pp. 21-29. Paris.

Coult, Allan D., and Richard R. Randolph.

HAVE

1965. Computer Methods for Analyzing Genealogical Space. *American Anthropologist* 67 (1): 21-29.

Courrège, Philippe.

HAVE

1965. Un modèle mathématique des structures élémentaires de parenté. *L'Homme* 5 (3-4): 248-290.

Translated as "A Mathematical Model of the Structure of Kinship" in: *Genetics and Social Structure: Mathematical Structuralism in Population Genetics and Social Theory*, edited by Paul Ballonoff. Pp. 288-338. Stroudsburg, PA: Dowden, Hutchinson & Ross, 1974.

Crumrine, N. Ross.

HAVE

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 775.

Cunningham, Sally J.

HAVE

1996. Machine Learning Applications in Anthropology: Automated Discovery over Kinship Structures. *Computers and the Humanities* 30 (6): 401-406.

Cuisenier, Jean.

1968. L'utilisation des calculatrices électroniques dans l'étude des systèmes de parenté. In *Calcul et Formalisation dans les Sciences de l'Homme*. Pp. 31-46. Paris: Éditions du Centre National de la Recherche Scientifique.

Davis, Richard.

HAVE

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight A. Read. *Current Anthropology* 20 (4): 775-776.

Davison, Charles.

HAVE

1886. Algebraic Notation of Kinship. *Nature* 34 (885): 571. [In response to Galton's system.]

DeMeur, G.

1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 392.

De Ruijter, A.

HAVE

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 776.

Duchamp, Thomas E., and Paul A. Ballonoff.

1974. Matrix Methods in the Theory of Marriage Networks. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 53-62. Paris and The Hague: Mouton.

El Guindi, Fadwa, and Dwight W. Read. **HAVE**
1979. Mathematics in Structural Theory. *Current Anthropology* 20 (4): 761-790. [A theoretical introduction followed by an application to the structure of ritual kinship roles in a Zapotec ritual.]

Comments: Boyd 1979; Burton 1979; Crumrine 1979; Davis R. 1979; De Ruijter 1979; Freilich 1979; Handelman 1979; Holbrook 1979; Joseph 1979; Kronenfeld 1979; Rossi 1979; Webster 1979; Wilder 1979.

Eyde, David B.
1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 392-393.

Findler, N. V.
1973. Kinship Structures Revisited. *Behavioral Science* 18: 68-71.

Findler, N. V., and W. R. McKinzie.
1969. On a Computer Program That Generates and Queries Kinship Structures. *Behavioral Science* 14: 334-343.

Flament Claude.
1965. *Théorie des Graphes et Structure Sociale*, Paris et La Haye: Mouton-Gauthier-Villars.

Freilich, Morris. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 776-777.

Gilbert, John P., and Eugene A. Hammel. **HAVE**
1966. Computer Simulation and the Analysis of Problems in Kinship and Social Structure. *American Anthropologist* 68 (1): 71-93.

Gilbert, John P.
1971. Computer Methods in Kinship Studies. In *Explorations in Mathematical Anthropology*, edited by Paul Kay. Pp 127-138. Cambridge, MA: MIT Press.

Gould, Sydney H.
2000. *A New System for the Formal Analysis of Kinship*, edited by David B. Kronenfeld. Lanham, etc.: University Press of America.

Gould, Sydney H., and Pin-Hsiung Liu.
1976. Mathematical Analysis of Genealogical Spaces. *Bulletin of the Visiting Scholars Association, Harvard-Yenching Institute, Harvard University, China Branch* 13: 27-44. Taipei.

Gould, Sydney H., and Pin-Hsiung Liu.
1984. Fundamentals of Kinship Theory. *Bulletin of the Institute of Ethnology, Academia Sinica* 57: 157-233.

Greechie, Richard J., and Martin Ottenheimer.

1972. *On the Mathematical Organization of Social Relationships. I. Kinship Terminology*. Manhattan, KA: Kansas State University, Department of Mathematics, Technical Report 20.

Greechie, Richard J., and Martin Ottenheimer.
1974. An Introduction to a Mathematical Approach to the Study of Kinship. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 63-84. Paris and The Hague: Mouton.

Gregory, C. A.
1986. A Matrix Approach to the Calculus of Kinship Relations. In *New Trends in Mathematical Anthropology*, edited by Gisele De Meur. Pp. 139-166. London: Routledge.

Hage, Per. **HAVE**
1976. The Atom of Kinship as a Directed Graph. *Man* 11 (4): 558-568.

Hage, Per, and Frank Harary. **HAVE**
1982. On Reciprocity in Kinship Relations. *Cambridge Anthropology* 7 (2): 39-43.

Hage, Per, and Frank Harary.
1998. Applications of the Minimum Spanning Tree Problem to Network Analysis. In *Kinship, Networks, and Exchange*, edited by Thomas Schweizer and Douglas R. White. Pp. 251-260. Cambridge: Cambridge University Press.

Hage, Per, and Frank Harary.
2002. Qué es un hipercubo? Un código binario para relaciones de parentesco. In *Análisis de Redes: Aplicaciones en Ciencias Sociales*, edited by Jorge G. Mendieta and Samuel Schmidt. Pp. 15-22. México: Universidad Nacional Autónoma de México, Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas.

Hamberger, Klaus, Michael Houseman, Isabelle Daillant, Douglas R. White, and Laurent Barry.
2004. Matrimonial Ring Structures. *Mathématiques et Sciences Humaines/Mathematics and Social Sciences* 168: 83-119.

Hammel, Eugene A.
1997. Testing the Validity of Kinship Microsimulation. *Mathematical Computer Modelling* 26 (6): 89-104.

Handelman Don. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 777.

Harary, Frank, and Douglas R. White.
2001. P-Systems: A Structural Model for Kinship Studies. *Connections* 24 (2): 22-33.

Harris, Robert T.
1974. From Relations to Groups: A Formal Treatment of the Underlying Logic of Some Group-Theoretic Models of Kinship. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 85-109. Paris and The Hague: Mouton.

Holbrook, Bruce. **HAVE**

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 777-778.

Houseman, Michael, and Douglas R. White.
1996. Structures réticulaires de la pratique matrimoniale. *L'Homme* 36: 59-85.

Jagers, Peter.
1982. How Probable Is It to Be First Born, and Other Branching-Process Applications to Kinship Problems. *Mathematical Biosciences* 59 (1): 1-15.

Jorion, Paul.
1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 393.

Joseph, Roger. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 778-779.

Kemeny, John G., J. Laurie Snell, and Gerald L. Thompson.
1957. *Introduction to Finite Mathematics*. Englewood Cliffs, N.J.: Prentice-Hall.

Kronenfeld, David B. **HAVE**
1976. Computer Analysis of Skewed Kinship Terminologies. *Language* 52 (6): 891-917.

Kronenfeld, David B. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 779-781.

Lambek, Joachim. **HAVE**
1999. Binary Relations in the Social and Mathematical Sciences. In *Logic and Foundations of Mathematics: Selected Contributed Papers of the 10th International Congress of Logic, Methodology, and Philosophy of Science, Florence, August 1995*. Pp. 155-163. New York: Springer. [The coming of age of relations theory in mathematics and its parallel in the study of kinship systems.]

Lawvere, William F. **HAVE**
1999. Kinship and Mathematical Categories. In *Language, Logic, and Concepts: Essays in Memory of John Macnamara*, edited by Ray Jackendoff, Paul Bloom, and Karen Wynn. Pp. 411-425. Cambridge, MA, and London: MIT Press.

Leaf, Murray J.
2006. Experimental-Formal Analysis of Kinship. *Ethnology* 45 (4): 305-330.

Lehman, F. K. (U Chit Hlaing).
1985. Cognition and Computation: On Being Sufficiently Abstract. In *Directions in Cognitive Anthropology*, edited by Janet W. D. Dougherty. Pp. 19-48. Urbana and Chicago: University of Illinois Press. [Pp. 23-25: specifically on genealogical space.]

Lehman, F. K. (F. K. L. Chit Hlaing). **HAVE**
1993. The Relationship Between Genealogical and Terminological Structure in Kinship. *Journal of Quantitative Anthropology* 4: 95-122.

Lehman F. K. (F. K. L. Chit Hlaing). **HAVE**
2001. Aspects of a Formalist Theory of Kinship. *Anthropological Theory* 1 (2): 212-238.

Lehman, F. K., and K. Witz.
1974. Prolegomena to a Formal Theory of Kinship. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 111-133. Paris and The Hague: Mouton.

Leibniz, Gottfried. **HAVE**
1964. The Relational Theory of Space and Time. In *Problems of Space and Time*, edited by J. J. C. Smart. Pp. 89-98. New York: Macmillan. [P. 93: on genealogical space.]

Liu, Pin-Hsiung.
1968. Theory of Groups of Permutations, Matrices and Kinship: A Critique of Mathematical Approaches to Prescriptive Marriage Systems. *Bulletin of the Institute of Ethnology, Academia Sinica* 26: 29-40.

Liu, Pin-Hsiung.
1986. *Foundations of Kinship Mathematics*. Taipei, Taiwan: Institute of Ethnology, Academia Sinica. 343 P.

Reviews: Lausch 1987; Romney 1987; Meur 1988a; Parkin 1988; Read 1991.

Livingstone, Frank B.
1965. Mathematical Models of Marriage Systems. *Man* 65: 149-152.

Lorrain, François.
1975. *Réseaux Sociaux et Classifications Sociales: Essai sur l'Algèbre et la Géométrie des Structures Sociales*. Paris: Hermann. [Pp. 107-190: models of Ambrym and Australian kinship.]

Lucich, Peter.
1991. Beyond Formalism: Group Theory in the Symmetries of Culture. *Journal of Mathematical Sociology* 16 (3): 221-264. [Includes discussion of kinship systems.]

MacFarlane, Alexander. **HAVE**
1879. On a Calculus of Relationship. In *Proceedings of the Royal Society of Edinburgh* 10 (104, May): 224-232.

MacFarlane, Alexander. **HAVE**
1880. Algebra of Relationship. Part II. In *Proceedings of the Royal Society of Edinburgh* 40 (108, December): 5-13.

MacFarlane, Alexander. **HAVE**
1881a. Algebra of Relationship. Part III. In *Proceedings of the Royal Society of Edinburgh* 40 (109, March): 162-173.

MacFarlane, Alexander. **HAVE**
1881b. An Analysis of Relationship. In *Mathematical Questions with Their Solutions*, from the "Educational Times," edited by W. J. C. Miller. Pp. 78-81. London: Hodgson & Son.

MacFarlane, Alexander.
1881c. Dr. A. Macfarlane's Analysis of Relationships. *Philosophical Magazine*, Ser. 5, 11 (70): 436-446.

MacFarlane, Alexander. **HAVE**
1882. Analysis of Relationships of Consanguinity and Affinity. *Journal of the Anthropological Institute* 12: 46-64.

Reprinted in: *Genetics and Social Structure: Mathematical Structuralism in Population Genetics and Social Theory*, edited by Paul Ballonoff. Pp. 13-42. Stroudsburg, PA: Dowden, Hutchinson & Ross, 1974.

MacFarlane, Alexander. **HAVE**
1888. Problem in Relationship. In *Proceedings of the Royal Society of Edinburgh* 15 (January 16): 116-117.

McKinsey, J. C. C. **HAVE**
1940. Postulates for the Calculus of Binary Relations. *Journal of Symbolic Logic* 5 (3): 85-97.

O'Neil, D. H.
1987. Computerized Systems for Recording Kinship Data: A Review Essay. *Social Science Microcomputer Review* 5 (2): 233-239.

Pericliev, Vladimir.
2011. *Profiling Language Families by their Kin Term Patterns: A Computational Approach*. München: Lincom.

Read, Dwight W.
1974. Kinship Algebra: A Mathematical Study of Kinship Structure. In *Genealogical Mathematics*, edited by Paul A. Ballonoff. Pp. 135-160. Paris and The Hague: Mouton.

Read, Dwight W.
1998. Kinship Based Demographic Simulation of Societal Processes. *Journal of Artificial Societies and Social Simulation* 1 (1). <http://www.soc.surrey.ac.uk/JASSS/1/1/1.html>

Read, Dwight W.
2000. Formal Analysis of Kinship Terminologies and its Relationship to What Constitutes Kinship. *Mathematical Anthropology and Cultural Theory: An International Journal* 1 (1): 1-46.

Read, Dwight W. **HAVE**
2001a. Formal Analysis of Kinship Terminologies and Its Relationship to What Constitutes Kinship. *Anthropological Theory* 1 (2): 239-267.

Read, Dwight W.
2001b. What is Kinship? In *The Cultural Analysis of Kinship: The Legacy of David Schneider and Its Implications for Anthropological Relativism*, edited by Richard Feinberg and Martin Ottenheimer. Pp. 78-117. Urbana, IL: University of Illinois Press.

Read, Dwight W.
2002a. Mathematical Modeling Issues in Analytical Representations of Human Societies. In *Proceedings of the Austrian Society for Cybernetic Studies*.

Read, Dwight W.

2002b. A Multi-Trajectory, Competition Model of Emergent Complexity in Human Social Organization. In *Proceedings of the National Academy of Sciences* 99 (Suppl. 3): 7251-7256.

Read, Dwight W.

2003. The Emergence of Order from Disorder as a Form of Self-Organization. *Computational and Mathematical Organization Theory* 9 (3): 195-225. [An ideal kinship system whose complexity is independent of the size of the group.]

Read, Dwight W.

2007. Kinship Theory: A Paradigm Shift. *Ethnology* 46 (4): 329-364.

Read, Dwight W.

2011a. The Logic and Structure of Kinship Terminologies: Implications for Theory and Historical Reconstructions. In *Kinship, Language and Prehistory: Per Hage and the Renaissance in Kinship Studies*, edited by Doug Jones and Bojka Milicic. Pp. 152-172. Salt Lake City: University of Utah Press.

Read, Dwight W.

2011b. Mathematical Representation of Cultural Constructs. In *A Companion to Cognitive Anthropology*, edited by David Kronenfeld, Giovanni Bennardo, Victor C. de Munck, and Michael D. Fischer. Pp. 229-253. Oxford: Wiley-Blackwell.

Read, Dwight W., and Clifford Behrens.

1988. Kinship Algebra Expert System (KAES). *Mathematical Social Sciences* 16 (2): 218-220.

Read, Dwight W. and F. K. L. Chit Hlaing,

2005. The Read-Lehman Letters on Kinship Mathematics (January 4, 2005). *Human Complex Systems. Mathematical Anthropology and Cultural Theory*. Paper 0105DWR-FKL.

Reid, Russell. M.

1967. Marriage Systems and Algebraic Group Theory: A Critique of White's *Anatomy of Kinship*. *American Anthropologist* 69 (2): 171-178.

Rossi, Ino.

HAVE

1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 781.

Ruhemann, Barbara.

HAVE

1967. Purpose and Mathematics. A Problem in the Analysis of Classificatory Kinship Systems. *Bijdragen tot de Taal-, Land- en Volkenkunde* 123 (1): 83-124.

Rustad, J. A.

1981. Comment on *More Complex Formulae of Generalized Exchange*, by Franklin E. Tjon Sie Fat. *Current Anthropology* 22 (4): 393.

Selz(-Lauriere), Marion.

1988. Les mathématiques en ethnologie. *L'Homme* 28: 147-155.

Selz, Marion.

1994. Traitement informatique de données généalogiques: Le logiciel «GEN-PAR». *L'Homme* 34: 129-136.

Tjon Sie Fat, Franklin E. **HAVE**
1981. More Complex Formulae of Generalized Exchange. *Current Anthropology* 22 (4): 377-399.

Comments: Atkins 1981; Barnard 1981; Buchler and Fischer 1981; DeMeur 1981; Eyde 1981; Jorion 1981; Rustad 1981.

Tjon Sie Fat, Franklin E.
1981. Reply. *Current Anthropology* 22 (4): 393-398.

Tjon Sie Fat, Franklin E.
1983a. Age Metrics and Twisted Cylinders: Predictions from a Structural Model. *American Ethnologist* 10 (3): 585-604.

Tjon Sie Fat, Franklin E.
1983b. Circulating Connubium and Transitive Ranking: A Second Solution to Leach's Problem. *Bijdragen tot de Taal-, Land- en Volkenkunde* 139(1): 140-151.

Tjon Sie Fat, Franklin E.
1987. *The Straight Road to Complexity: Symmetries of Restricted Exchange*. Leiden: University of Leiden, Institute of Cultural and Social Studies. (Working Papers 79.)

Tjon Sie Fat, Franklin E.
1990. *Representing Kinship: Simple Models of Elementary Structures*. Leiden: Leiden University. 328 P. (Ph.D. dissertation, University of Leiden.)

Reviews: Meur 1988b; Parkin 1991.

Tjon Sie Fat, Franklin E.
1998. On the Formal Analysis of "Dravidian," "Iroquois," and "Generational" Varieties as Nearly Associative Combinations. In *Transformations of Kinship*, edited by Maurice Godelier, Thomas R. Trautmann, and Franklin E. Tjon Sie Fat. Pp. 59-93. Washington and London: Smithsonian Institution Press.

Tjon Sie Fat, Franklin E.
1999. Trajectoires et transformations: Les automates d'arbres binaires pour l'analyse des variations terminologiques. In *La Production du Social: Autour de Maurice Godelier*, edited by Philippe Descola, Jacques Hamel and Pierre Lemonnier. Pp. 419-432. Paris: Fayard.

Tornay, Serge. **HAVE**
1968. Le test des triades dans l'études de nomenclatures de parenté. *Journal de la Société des Africanistes* 39 (1): 80-90.

Tornay, Serge, and Hervé Raynaud. **HAVE**
1968. Test des triades et parenté: Essai methodologique sur un exemple Kalenjin et Kikuyu. *Mathématique et Sciences Humaines* 7 (24): 17-34. [Cross-listed in AFRICA.]

White, Douglas R. **HAVE**
2004. Ring Cohesion Theory in Marriage and Social Networks. *Mathématiques et Sciences Humaines. Mathematics and Social Sciences* 168: 59-82.

White, Douglas R., and Karl P. Reitz.
1983. Graph and Semigroup Homomorphisms. *Social Networks* 5: 193-234.

Webster, Stephen. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 781-782.

White, Harrison C.
1963. *An Anatomy of Kinship: Mathematical Models for Structures of Cumulated Roles*. Englewood Cliffs, N.J.: Prentice Hall.

Excerpted under the title "Models of Kinship with Prescribed Marriage" in: *Readings in Mathematical Social Science*, edited by Paul F. Lazarsfeld and Neil W. Henry. Pp. 195-205. Chicago, Science Research Associates, 1966; *Genetics and Social Structure: Mathematical Structuralism in Population Genetics and Social Theory*, edited by Paul Ballonoff. Pp. 339-342. Stroudsburg, PA: Dowden, Hutchinson & Ross, 1974.

Reviews: Somers 1964; Naroll 1965; Snell J. 1965.

Wilder, William D. **HAVE**
1979. Comment on "Mathematics in Structural Theory," by Fadwa El Guindi and Dwight W. Read. *Current Anthropology* 20 (4): 782.

COMPONENTIAL ANALYSIS

Badalucco, Giuseppe.
1986. Analisi componenziale della terminologia di parentela: Saggio delle capacità espressive e calcolistiche di un nuovo metalinguaggio parentale. *L'Uomo* 10 (1).

Burling, Robbins. **HAVE**
1964a. Cognition and Componential Analysis: God's Truth or Hocus-Pocus. *American Anthropologist* 66 (1): 20-28.

Comments: Frake 1964; Hammel 1964; Hymes 1964.
Reply: Burling 1964b.

Reprinted in: *Theory in Anthropology: A Source-Book*, edited by Robert A. Manners and David Kaplan. Pp. 514-523. Chicago: University of Chicago Press, 1968; *Readings in Kinship and Social Structure*, edited by Nelson Graburn. Pp. 279-285. New York: Harper & Row, 1971.

Burling, Robbins. **HAVE**
1964b. Burling's Rejoinder. *American Anthropologist* 66 (1): 120-122.

Reprinted as "Rejoinder (to Hymes and Frake)" in: *Theory in Anthropology: A Source-Book*, edited by Robert A. Manners and David Kaplan. Chicago: University of Chicago Press, 1968

Čech, Claude G., and Edward J. Shoben.
1980. Componential Reasoning in Kinship. *Journal of Experimental Psychology* 109 (4): 393-421.

Chafe, Wallace L. **HAVE**
1962. Phonetics, Semantics and Language. *Language* 38: 335-344. [Pp. 340-342:
componential analysis in phonology and semantics.]

Coult, Allan D. **HAVE**
1966. On the Justification of Untested Componential Analyses. *American Anthropologist*
68 (4): 1014-1015.

Reply: Hymes 1966.

Fillenbaum, Samuel, and Amnon Rappoport.
1971. *Structures in the Subjective Lexicon*. New York: Academic Press. [Pp. 58-84:
"Kinship terms." A test of the psychological validity of componential analysis.]

Frake, Charles O.
1962. The Ethnographic Study of Cognitive Systems. In *Anthropology and Human
Behavior*, edited by T. Gladwin and W. C. Sturtevant. Pp. 72-85. Washington, DC:
Anthropological Society of Washington.

Reprinted in: *Readings in the Sociology of Language*, edited by Joshua A. Fishman. Pp.
434-446. The Hague: Mouton; *Theory in Anthropology: A Source-Book*, edited by Robert
A. Manners and David Kaplan. Pp. 507-514. Chicago: University of Chicago Press,
1968; *Cognitive Anthropology*, edited by Stephen A. Tyler. Pp. 28-40. New York: Holt,
Rinehart and Winston, Inc., 1969; *Culture and Cognition: Rules, Maps, and Plans*, edited
by James P. Spradley. Pp. 191-205. San Francisco, etc.: Chandler, 1972.

Frake, Charles O. **HAVE**
1964. Further Discussion of Burling. *American Anthropologist* 66 (1): 119.

Reprinted in: *Cognitive Anthropology*, edited by Stephen A. Tyler. P. 432. New York:
Holt, Rinehart and Winston, Inc., 1969.

Frake, Charles O. **HAVE**
1980. Plying Frames Can Be Dangerous: Some Reflections on Methodology in Cognitive
Anthropology. *Quarterly Newsletter of the Institute for Comparative Human
Development* 1 (3): 1-7.

Reprinted in: *Language and Cultural Description: Essays by Charles O. Frake*. Selected
and Introduced by Anwar S. Dil. Pp. 45-60. Stanford: Stanford University Press, 1980;
Language, Culture, and Cognition: Anthropological Perspectives, edited by Ronald W.
Casson. Pp. 366-377. New York: Macmillan; London: Collier Macmillan, 1981. [Pp. 51-
52: componential analysis.]

Goodenough, Ward H. **HAVE**
1956. Componential Analysis and the Study of Meaning. *Language* 32 (1): 195-216.

Reprinted in: *Kinship and Social Organization*, edited by Paul Bohannan and John
Middleton. Pp. 93-124. Garden City, N. Y.: Natural History Press, 1968.

Goodenough, Ward H.
1967b. Componential Analysis: Kinship Studies in Cultural Anthropology Are Producing
a New Tool for Semantic Analysis. *Science* 156 (3779): 1203-1209.

Reprinted in: *Culture and Cognition: Rules, Maps, and Plans*, edited by James P. Spradley. Pp. 327-342. San Francisco, etc.: Chandler, 1972.

Greenberg, Joseph H.

1957. The Nature and Uses of Linguistic Typologies. *International Journal of American Linguistics* 23 (2): 68-77. [On Lounsbury's componential analysis.]

Hammel, Eugene A.

HAVE

1964. Further Comments on Componential Analysis. *American Anthropologist* 66 (5): 1167-1170.

See Burling 1964a, 1964b; Frake 1964; Hymes 1964.

Reprinted in: *Readings in Kinship and Social Structure*, edited by Nelson Graburn. Pp. 285-288. New York: Harper & Row, 1971.

Hammer, Muriel.

1966. Some Comments on Formal Analysis of Grammatical and Semantic Systems. *American Anthropologist* 68 (1): 362-373. [Includes observations on componential analysis and psychological reality.]

Reprinted in: *Theory in Anthropology: A Source-Book*, edited by Robert A. Manners and David Kaplan. Pp. 523-530. Chicago: University of Chicago Press, 1968.

Harris, Marvin.

1964. *The Nature of Cultural Things*. New York: Random House. [Pp. 160-162: kin terminologies and ethnosemantics.]

Harris, Marvin.

HAVE

1974. Why a Perfect Knowledge of All the Rules One Must Know to Act like a Native Cannot Lead to the Knowledge of How Natives Act. *Journal of Anthropological Research* 30 (4): 242-251.

Huddleston, Rodney.

HAVE

1974. Componential Analysis: The Sememe and the Concept of Distinctiveness. *Canadian Journal of Linguistics* 19 (1): 1-17.

Hymes, Dell H.

HAVE

1964. Discussion of Burling's Paper ("Cognition and Componential Analysis: God's Truth or Hocus-Pocus?"). *American Anthropologist* 66 (1): 116-119.

Reprinted in: *Cognitive Anthropology*, edited by Stephen A. Tyler. Pp. 428-431. New York, 1969.

Hymes, Dell H.

HAVE

1965. On Hammel on Componential Analysis. *American Anthropologist* 67 (5, pt. 1): 1283.

Hymes, Dell H.

HAVE

1966. Reply to Coult. *American Anthropologist* 68 (4): 1015.

See Coult 1966.

Lounsbury, Floyd G.
1954. Meanings of 'Meaning'. In *Psycholinguistics: A Survey of Theory and Research Problems. Report of the 1053 Summer Seminar Sponsored by the Committee on Linguistics and Psychology of the Social Science Research Council*, edited by Charles Osgood and Thomas A. Sebeok. Pp. 171-177. Baltimore: Waverly Press. [Pp. 175-176: Kin term semantics in the light of distinction between denotatum, designatum and significatum.]

Lounsbury, Floyd G.
1960. Similarity and Contiguity Relations in Language and in Culture. In *Report of the 10th Round Table Meeting on Linguistics and Language Studies*, edited by Richard Harrell. Pp. 123-128. Washington, D.C.: Georgetown University Press. (Georgetown University Monograph Series on Languages and Linguistics 12.) [P. 128: componential analysis of kinship; kin terms as a lexical paradigm.]

Lounsbury, Floyd G.
1968. One Hundred Years of Anthropological Linguistics. In *One Hundred Years of Anthropology*, edited by John O. Brew. Pp. 150-225, 256-264. Cambridge, MA: Harvard University Press. [Pp. 223-224: on componential analysis of kin terms.]

Noricks, J. S.
1985. Native Speaker Componential Models: A Method for Elicitation. *Ethnology* 24 (1): 57-76.

Pericliev, Vladimir, and Raul E. Valdes-Perez. **HAVE**
1998. A Discovery System for Componential Analysis of Kinship Terminologies. In *Proceedings of the XVIIth International Congress of Linguists, Paris 1997*. n.p.n. New York: Elsevier Science and Optimedia.

Pericliev, Vladimir, and Raul E. Valdes-Perez.
1998. Automatic Componential Analysis of Kinship Semantics with a Proposed Structural Solution of Multiple Solutions. *Anthropological Linguistics* 40: 272-317.

Piault, Colette.
1964-1968. Introduction à la technique de l'analyse componentielle. *Épistémologie Sociologique* 1-5: 119-137. Paris.

Rubin, Joan.
1968. Bilingual Usage in Paraguay. In *Readings in the Sociology of Language*, edited by Joshua A. Fishman. Pp. 512-530. The Hague: Mouton. [Pp. 515-516: on componential analysis of kinship.]

Wallace, Anthony F. C. **HAVE**
1961. On Being Just Complicated Enough. *Proceedings of the National Academy of Sciences of the United States of America* 47 (4) 458-464. [Semantic complexity of kin terminologies measured through componential analysis.]

Wallace, Anthony F. C.
1962. Culture and Cognition. *Science* 135: 351-357.

Reprinted in: *Culture and Cognition: Rules, Maps, and Plans*, edited by James P. Spradley. Pp. 111-126. San Francisco, etc.: Chandler, 1972; *Language, Culture, and Cognition: Anthropological Perspectives*, edited by Ronald W. Casson. Pp. 67-74. New

York: Macmillan; London: Collier Macmillan, 1981. [Introduction to componential analysis. Examples from American English kin terms.]

Wallace, Anthony F. C. **HAVE**
1965. The Problem of the Psychological Validity of Componential Analyses. *American Anthropologist* 67 (5, pt. 2): 229-248. (Special Issue: Formal Semantic Analysis.)

EQUIVALENCE-RULES ANALYSIS

Coult, Allan D. **HAVE**
1966. A Simplified Method for the Transformational Analysis of Kinship Terms. *American Anthropologist* 68 (6): 1476-1483.

Coult, Alan D. **HAVE**
1967. Lineage Solidarity, Transformational Analysis, and the Meaning of Kinship Terminologies. *Man* 2 (1): 26-47.

Fjellman, Stephen M. **HAVE**
1978. The Extensionist Hypothesis and Marking Rules in the Formal Analysis of Kinship Terminologies. *Journal of Anthropological Research* 34 (4): 540-560.

Hammel, Eugene A. **HAVE**
1966. Rejoinder to Coult. *American Anthropologist* 68 (6): 1483-1488.

Keesing, Roger.
1968. Step-Kin, In-Laws and Ethnoscience. *Ethnology* 7 (1): 59-70.

Lounsbury, Floyd G. **HAVE**
1964a. A Formal Account of the Crow- and Omaha-Type Kinship Terminologies. In *Explorations in Cultural Anthropology: Essays in Honor of George Peter Murdock*, edited by Ward H. Goodenough. Pp. 351-393. New York, etc.: McGraw-Hill.

Reprinted in: *Cognitive Anthropology*, edited by Stephen A. Tyler. Pp. 212-254. New York: Holt, Rinehart and Winston, Inc., 1969.

Excerpted under the title "The Nature of Formal Analysis" in: *Readings in Kinship and Social Structure*, edited by Nelson Graburn. Pp. 257-271. New York: Harper & Row, 1971.

Lounsbury, Floyd G.
1964b. The Structural Analysis of Kinship Semantics. In *Proceedings of the 9th International Congress of Linguistics*. Cambridge, Mass., August 27-31, 1962. Edited by Horace G. Lunt. Pp. 1073-1093. The Hague: Mouton.

Reprinted in: *Kinship and Social Organization*, edited by Paul Bohannan and John Middleton. Pp. 125-148. Garden City, N. Y.: Natural History Press, 1968; *Cognitive Anthropology*, edited by Stephen A. Tyler. Pp. 193-211. New York: Holt, Rinehart and Winston, Inc., 1969; *Man Makes Sense: A Reader in Modern Cultural Anthropology*, selected by Eugene A. Hammel, and William S. Simmons. Pp. 182-200. Boston: Little and Brown, 1970; *Readings in Kinship and Social Structure*, edited by Nelson Graburn. Pp. 257-258. New York: Harper & Row, 1971.

Lounsbury, Floyd F.

1966. Analyse structurale des termes de parenté. Translated by Delphine Perret. *Langages* 1: 75-99.

Lounsbury, Floyd G.

1969. Language and Culture. In *Language and Philosophy*, edited by Sidney Hook. Pp. 3-29. New York and London: New York University Press. [Meanings of non-European kinship, extensionist analysis.]

Ottenheimer, Martin.

HAVE

1983. Comment on Scheffler's "Theory and Method in Social Anthropology." *American Ethnologist* 10 (1): 174.

See also Scheffler 1983.

Ottenheimer, Martin.

HAVE

1985. Reply to "A Further Note..." *American Ethnologist* 12 (3): 547-549.

See also Scheffler 1985.

Ruddick, Sara.

1969. Extreme Relativism. In *Language and Philosophy*, edited by Sidney Hook. Pp. 41-47. New York and London: New York University Press. [Critique of Lounsbury 1969, or the defense of what he calls "extreme [cultural and linguistic] relativism."]

Scheffler, Harold W.

HAVE

1977. On the 'Rule of Uniform Reciprocals' in Systems of Kin Classification. *Anthropological Linguistics* 19 (6): 245-259.

Scheffler, Harold W.

HAVE

1972. Systems of Kin Classification: A Structural Typology. In *Kinship Studies in the Morgan Centennial Year*, edited by P. Reining. Pp. 113-133. Washington, DC: Anthropological Society of Washington.

Scheffler, Harold W.

HAVE

1982. Theory and Method in Social Anthropology: On the Structures of Systems of Kin Classification. *American Ethnologist* 9 (1): 167-184.

Scheffler, Harold W.

1983. Reply to Ottenheimer. *American Ethnologist* 10 (1): 174-175.

See also Ottenheimer 1983; Scheffler 1983; Scheffler 1985.

Scheffler, Harold W.

HAVE

1985. A Further Note on Kinship and Logic. *American Ethnologist* 12: 546-547.

Scheffler, Harold W.

HAVE

1986. Extension Rules and "Generative" Models. *American Ethnologist* 13 (2): 369-370. [Critique of Woolford 1984.]

Terrades Saborit, I.

1972. Semantica de estructuras de parentesco: Comentario a proposito de la ultima obra de Scheffler y Lounsbury. *Ethnica* 3: 201-212.

GAME THEORY

Eshel, Ilan, Emilia Sansone, and Avner Shaked.
1999. The Emergence of Kinship Behavior in Structured Populations of Unrelated Individuals. *International Journal of Game Theory* 28 (4): 447-463.

GENERATIVE ANALYSIS

Bock, Philip K. **HAVE**
1989. "Say 'Hello' to Your Second Cousin Claude": Kinship Terminology and Recursive Rules. In *General and Amerindian Ethnolinguistics: In Remembrance of Stanley Newman*, edited by Mary Ritchie Key, Henry M. Hoenigswald. Pp. 447-460. Berlin and New York: Mouton de Gruyter.

Durbin, M., and M. Saltarelli. **HAVE**
1967. Patterns in Kinship. *Anthropological Linguistics* 9 (3): 6-14.

Langacker, Ronald W.
1969. Mirror Image Rules II: Lexicon and Phonology. *Language* 45 (4): 844-862. [Pp. 844-857: a transformational account of kin terms. Examples from English and Pawnee. Comparison with componential analysis.]

LOGICAL METHODS

Ashworth, E. J.
1967. Joachim Jungius (1587-1657) and the Logic of Relations. *Archiv fur Geschichte der Philosophie* 49: 72-85. [Extensively on the logic of kin categories in comparison with earlier authors.]

Barber, Kenneth.
1971. Meinong's Hume Studies: Part II. Meinong's Analysis of Relations. *Philosophy and Phenomenological Research* 31 (4): 564-584.

Bednarek, Alexander R., and Stanislaw M. Ulam.
1976. Generators for Algebras of Relations. *Bulletin of the American Mathematical Society* 82: 78.

Bednarek, Alexander R., and Stanislaw M. Ulam.
1978. Projective Algebra and the Calculus of Relations. *Journal of Symbolic Logic* 43 (1): 56-64.

Bednarek, Alexander R., and Stanislaw M. Ulam. **HAVE**
1990. On the Theory of Relational Structures and Schemata for Parallel Computation. In *Analogies Between Analogies: The Mathematical Reports of S. M. Ulam and his Los Alamos Collaborators*, edited by A. R. Bednarek and Françoise Ulam. Pp. 477-508. Berkeley, etc.: University of California Press.

Bocheński, I. M.
1956. *Formale Logik*. München: Karl Alber. [T. 2, 434-448: logic of relations, including kin terms.]

English translation: *A History of Formal Logic*, by I. M. Bocheński. Translated by Ivo Thomas. Notre Dame, IN: University of Notre Dame Press, 1961.

Brower, J. E.

1998. Abelard's Theory of Relations: Reductionism and the Aristotelian Tradition. *Review of Metaphysics* 51: 605-631.

Brower, J. E.

2001. Relations without Polyadic Properties: Albert the Great on the Nature and Ontological Status of Relations. *Archiv für Geschichte der Philosophie* 83: 225-257.

Carnap, Rudolf.

1929. *Abriss der Logistik, mit besonderer Berücksichtigung der Relationstheorie und ihrer Anwendungen*. Wien: Julius Springer. [Pp. 40, 87-88, 102-104: on kin terms.] **HAVE**

Castañeda, Hector-Neri.

1982. Leibniz and Plato's *Phaedo* Theory of Relations and Predication. In *Leibniz: Critical and Interpretive Essays*, edited by Michael Hooker. Pp. 124-159. Minneapolis: University of Minnesota Press. [Pp. 147-149: on Leibniz's analysis of "David is the father of Solomon."]

Cavarnos, Constantine.

1975. *The Classical Theory of Relations: A Study in the Metaphysics of Plato, Aristotle and Thomism*. Belmont, MA: Institute for Byzantine and Modern Greek Studies. [Kin terms are treated in the Thomist tradition (pp. 70-80).]

Chrudzimski, A.

2005. Abstraktion und Relationen beim jungen Meinong. *Meinong Studies - Meinong Studien* (2005): 7-62.

Cirese, Alberto M.

1978. A scuola dai logici o a scuola dallo stregone? Proposta di un sistema di notazione logica e calcolo (NLC) delle relazioni di parentela. *L'Uomo* 2 (2): 43-111.

De Morgan, Augustus.

1859. On the Syllogism, No. IV, and on the Logic of Relations. *Transactions of the Cambridge Philosophical Society* 10: 331-358. **HAVE**

Reprinted in: *On the Syllogism, and Other Logical Writings*, by Augustus De Morgan. Edited by Peter Heath. Pp. 208-241. London: Routledge & Kegan Paul, 1966.

De Morgan, Augustus.

1860. A Question in Logic. *Notes and Queries: A Medium of Inter-Communication for Literary Men, Artists, Antiquaries, Genealogists, etc.* Series 2, vol. 9 (January-June): 25, 184-185. London. **HAVE**

Earman, John.

1977. Perceptions and Relations in the Monadology. *Studia Leibnitiana* 9: 212-230. [P. 213: Leibniz's analysis of "David is the father of Solomon."]

Everett, C. J., and Stanislaw M. Ulam.

1946. Projective Algebra I. *American Journal of Mathematics* 68: 77-88. **HAVE**

Reprinted in: *Stanislaw Ulam: Sets, Numbers, and Universes: Selected Works*, edited by W. A. Beyer, J. Mycielski, and G.-C. Rota. Pp. 231-242. Cambridge, MA: MIT Press, 1974.

Flash, Kurt.

1971. Zur Rehabilitierung der Relation. Die Theorie der Beziehung bei Johannes Eriugena. In *Philosophie als Beziehungswissenschaft: Festschrift für Julius Schaaf*, herausgegeben von W. F. Niebel und D. Leisegang. Pp. 1-23. Frankfurt am Main: Horst Heiderhoff. [P. 9: on the relation “father – son.”]

Gottschall, Carl.

1980. *An Examination and Evaluation of the Historical Importance of the Principal Innovative Contributions to Formal Logic of Augustus de Morgan*. Ph.D. dissertation. New York University. [Pp. 120-238: on de Morgan’s theory of relations and its later developments.]

Greenberg, Joseph H.

HAVE

1949. The Logical Analysis of Kinship. *Philosophy of Science* 16 (1): 58-64.

Review: Borgers 1949.

Halsted, George B.

HAVE

1884. De Morgan as Logician. *Journal of Speculative Philosophy* 18 (1): 1-9. [Includes a discussion of De Morgan’s contribution to the logic of relations, with kin terms as examples.]

Hawkins, Benjamin S.

HAVE

1979. A Reassessment of Augustus De Morgan’s Logic of Relations: A Documentary Reconstruction. *International Logic Review* 19-20: 32-61.

Hawkins, Benjamin S.

HAVE

1995. De Morgan, Victorian Syllogistic and Relational Logic. *Modern Logic* 5 (2): 131-166.

Henninger, Mark G.

1989. *Relations: Medieval Theories 1250-1325*. Oxford: Clarendon Press. [Kin term logic *passim*.]

Herzberger, Hans.

HAVE

1981. Peirce’s Remarkable Theorem. In *Pragmatism and Purpose: Essays Presented to Thomas A. Goudge*, edited by L. W. Sumner, John G. Slater, and Fred Wilson. Pp. 41-58. Toronto: University of Toronto Press. [Mostly on the triad and relative product, but relational nouns are discussed too.]

Hoffmann, Hans.

HAVE

1959. Symbolic Logic and the Analysis of Social Organization. *Behavioral Science* 4 (4): 288-298. [Symbolic logic analysis of Lounsbury’s 1956 Pawnee data.]

Iribarren, Isabel.

2002. The Scotist Background in Hervaeus Natalis’s Interpretation of Thomism. *Thomist* 66 (2002): 607-627. [Includes a lengthy discussion of relation in Thomas Aquinas, with reference to kin terms.]

Kneale, William, and Martha Kneale.
1962. *The Development of Logic*. Oxford: Clarendon Press. [Pp. 427-434: “The Theory of Relations: De Morgan and Peirce.”]

Lewis, C. I.
1918. *A Survey of Symbolic Logic*. Berkeley: University of California Press. [Pp. 43-51: on De Morgan's logic of relations; 219-221: on the application of the Boolean algebra to relations; 269-279: logic of relations as compared to the logic of classes.]

Lorrain, Francois.
1974. Social Structure, Social Classifications, and the Logic of Analogy. In *Mathematical Models of Social and Cognitive Structures: Contributions to the Mathematical Anthropology*, edited by Paul A. Ballonoff. Pp. 89-101. Urbana, IL: University of Illinois Press.

Lucey, Kenneth G. **HAVE**
1979. The Ancestral Relation Without Classes. *Notre Dame Journal of Formal Logic* 20 (2): 281-284.

MacFarlane, Alexander.
1916. *Lectures on Ten British Mathematicians of the Nineteenth Century*. New York: John Wiley & Sons. [P. 30: on De Morgan's study of the logic of relations.]

McKinsey, J. C. C.
1940. Postulates for the Calculus of Binary Relations. *Journal of Symbolic Logic* 5 (3): 85-97.

McKinsey, J. C. C.
1946. On the Representations of Projective Algebras. *American Journal of Mathematics* 70: 375-384.

Marinozzi, C.
1964. La relazione trascendentale in S. Alberto M. *Laurentianum* 5: 71-113.

Marinozzi, C.
1965. La realtà delle relazioni secondo S. Alberto Magno. *Laurentianum* 6 (1965): 31-72.

Marmura, Michael E. **HAVE**
1975. Avicenna's Chapter, “On the Relative,” in the *Metaphysics* of the *Shifā*. In *Essays on Islamic Philosophy and Science*, edited by George F. Hourani. Pp. 83-99. Albany: State University of New York Press.

Martin, R. M. **HAVE**
1978. Of Servants, Lovers and Benefactors: Peirce's *Algebra of Relatives* of 1870. *Journal of Philosophical Logic* 7: 27-48.

Meinong, Alexius.
1882. Hume Studien II. Zur Relationstheorie. *Sitzungsbereiche der Philosophisch-Historisch Classe der Kaiserlichen Akademie der Wissenschaften* 101: 573-752.

Meinong, Alexius.
1891. Zur psychologie der Komplexionen und Relationen. *Zeitschrift für Psychologie und Physiologie der Sinnesorgane* 2: 245-265.

Merrill, Daniel D.
1978. De Morgan, Peirce and the Logic of Relations. *Transactions of the Charles S. Peirce Society* 14 (4): 247-284.

Merrill, Daniel D. **HAVE**
1990. *Augustus De Morgan and the Logic of Relations*. Dordrecht, etc.: Kluwer.

Mugnai, Massimo.
1992. *Leibniz' Theory of Relations*. Stuttgart: Franz Steiner. [The logic of kin terms passim.]

Peirce, Charles S.
1873. Description of a Notation for the Logic of Relatives, resulting from an Amplification of the Conception of Boole's Calculus of Logic. *Memoirs of the American Academy of Arts and Sciences* 9 (2): 317-378.

Reprinted in: *Collected Papers of Charles Sanders Peirce*, edited by Charles Hartshorne and Paul Weiss. Vol. 3. Exact Logic. Pp. 27-99. Cambridge: Harvard University Press, 1933.

Peirce, Charles S.
1892. The Critic of Arguments II: The Reader is Introduced to Relatives. *Open Court* 6: 3416-3418.

Reprinted in: *Collected Papers of Charles Sanders Peirce*, edited by Charles Hartshorne and Paul Weiss. Vol. 3. Exact Logic. Pp. 415-424. Cambridge: Harvard University Press.

Peirce, Charles S.
1897. Note B. The Logic of Relatives. In *Studies in Logic by Members of the John Hopkins University*. Pp. 187-203. Boston: Little, Brown.

Reprinted under title "The Logic of Relatives" in: *Collected Papers of Charles Sanders Peirce*, edited by Charles Hartshorne and Paul Weiss. Vol. 3. Exact Logic. Pp. 195-209. Cambridge: Harvard University Press.

Peirce, Charles S.
1897. The Logic of Relatives. *Monist* 7: 161-217.

Reprinted in: *Collected Papers of Charles Sanders Peirce*, edited by Charles Hartshorne and Paul Weiss. Vol. 3. Exact Logic. Pp. 288-345. Cambridge: Harvard University Press, 1933.

Peirce, Charles S.
1982 (1886). An Elementary Account of the Logic of Relatives. In *Writings of Charles S. Peirce: A Chronological Edition*. Vol. 5. Bloomington: Indiana University Press.

Picardi, Eva. **HAVE**
1992. The Chemistry of Concepts. In *Language and Earth: Elective Affinities Between the Emerging Sciences of Linguistics and Geology*, edited by Bernd Naumann, Frans Plank, and Gottfried Hofbauer. Pp. 125-146. Amsterdam and Philadelphia: John Benjamins. [On the use of chemistry metaphors in Peirce's logic of relations.]

Pott, August F.

1827. *De Relationibus quae Praepositionibus in Linguis Denotantur Dissertatio*. Cellis: Schulz. [Pp. 17-23: relations in grammar; 34: relational nouns.] **HAVE**

Prior, A. N.

1955. *Formal Logic*. Oxford: Clarendon. [Pp. 152-156: on De Morgan's logic of relations. Kin terms as examples.]

Quinlan, J. R.

1990. Learning Logical Definitions from Relations. *Machine Learning* 5: 239-266.

Reid, Thomas.

1863. A Brief Account of Aristotle's Logic. In *The Works of Thomas Reid*, edited by William Hamilton. Vol. 2. Edinburgh: Maclachlan & Stewart. [P. 697: on the convertibility of categories "father" and "son."]

Rogers, Jean H.

1976. A Note on Disjunctive Categories in Kinship Terminology. *Anthropological Linguistics* 18 (4): 183-185. **HAVE**

Russell, Bertrand.

1903. *The Principles of Mathematics*. Cambridge: Cambridge University Press. [Vol. 1, pp. 23-26, 95-100: the logic of relations.] **HAVE**

Russell, Stuart J., and Peter Norvig.

1995. *Artificial Intelligence: A Modern Approach*. Upper Saddle River, NJ: Prentice Hall. [Pp. 197-198: "Kinship Domain."]

Schröder, Ernst.

1895. *Vorlesungen über die Algebra der Logik. T. 3. Algebra und Logik der Relative*. Leipzig: B. G. Teubner.

Styazhkin, N. I.

1969. *History of Mathematical Logic from Leibniz to Peano*. Cambridge, MA, and London: University of Cambridge Press. [Pp. 161-169: De Morgan and the logic of relations.] **HAVE**

Tarski, Alfred.

1941a. On the Calculus of Relations. *Journal of Symbolic Logic* 6 (3): 73-89.

Tarski, Alfred.

1941b. *Introduction to Logic and to the Methodology of Deductive Sciences*. New York: Oxford University Press. [Pp. 87-116: on the logic of relations, including pp. 109-111 on kin terms.]

Weinberg, Julius R.

1965. *Abstraction, Relation, and Induction: Three Essays in the History of Thought*. Madison and Milwaukee: University of Wisconsin Press. [Pp. 61-120: the concept of relation in antiquity, the Middle Ages and during the Enlightenment.] **HAVE**

Whelden, Roy.

2000. The Origins and Use of the Theory of Relations: Peirce, De Morgan and Music Analysis. *Transactions of the Charles S. Peirce Society* 36 (1): 49-73. **HAVE**

NETWORK ANALYSIS

Albertsen, K.

1995. The Extinction of Families. *International Statistical Review* 63 (2): 234-239.

Bearman, Peter.

1997. Generalized Exchange. *American Journal of Sociology* 102 (5): 1383-1415.

Benoiston de Châtauneuf, Louis F. de.

1847. Mémoire sur la durée des familles nobles de France. *Memoire de l'Académie Royale des Sciences Morale et Politiques de l'Institut de France* 5: 753-794.

Bienaymé, Irénée-Jules.

1845. De la loi de multiplication et de la durée des familles. *Extraits de la Société Philomatique de Paris* 5: 37-39.

Reprinted as an Appendix to Kendall 1975.

Bru, Bernard, Francois Jongmans, and Eugene Seneta.

1992. I.J. Bienaymé: Family Information and Proof of the Criticality Theorem. *International Statistical Review* 60 (2): 177-183.

Brudner, Lilyan, and Douglas R. White.

1997. Class, Property and Structural Endogamy: Visualizing Networked Histories. *Theory and Society* 26: 161-208.

Cournot, A. A.

1847. *De l'Origine et des Limites de la Correspondance entre l'Algèbre et la Géométrie*. Paris: Hachette. [§ 36: an exposition of Bienaymé's Criticality Theorem.]

Reprinted by Vrin, 1989.

Foster, Brian L., and Steven B. Seidman.

1979. Network Structure and the Kinship Perspective. *American Ethnologist* 8: 329-355.

Foster, Brian L., and Steven B. Seidman.

1989. A Formal Unification of Anthropological Kinship and Social Network Methods. In *Research Methods in Social Network Analysis*, edited by Linton C. Freeman, Douglas R. White and A. Kimball Romney. Pp. 41-59. Fairfax, VA: George Mason University Press. **HAVE**

Galton, Francis, and H. W. Watson.

1875. On the Probable Extinction of Families. *Journal of the Royal Anthropological Institute* 4: 138-144.

Harary, Frank.

1982. Oedipus Loves His Mother. *Behavioral Science* 27: 162-163.

Harary, Frank, and Douglas R. White.

2001. White P-Systems: A Structural Model for Kinship Studies. *Connections* 24 (2): 35-46.

Heyde, C. C.

1974. On Estimating the Variance of the Offspring Distribution in a Simple Branching Process. *Advances in Applied Probability* 3: 421- 433.

Houseman, Michael, and Douglas R. White.

1996. Structures réticulaires de la pratique matrimoniale. *L'Homme* 139: 59-85.

Houtman, Gustaaf.

HAVE

1995. Interview with Michael Fischer: On Computing and Anthropology. *Anthropology Today* 11 (2): 5-8. [P. 6: applying computer to kinship reckoning.]

Kendall, David G.

1975. The Genealogy of Genealogy: Branching Processes Before (and after) 1873. *Bulletin of the London Mathematical Society* 7: 225-253.

Meur, Gisèle de, and Alain Gottcheiner.

2000. Prescriptive Kinship Systems, Permutations, Groups and Graphs. *Mathematical Anthropology and Cultural Theory* 1 (1).

Ore, Oystein.

1960. Sex in Graphs. *Proceedings of the American Mathematical Society* 11: 533-539.

Seidman, Stephen B.

1980-1981. Structures Induced by Collections of Subsets: A Hypergraph Approach. *Mathematical Social Sciences* 1 (4): 381-396. [Critique of a narrow dyadic approach to kin networks.]

Truex, Gregory F.

1981. Kinship and Network: A Cognitive Model of Interaction. *Social Networks* 3 (1): 53-70.

White, Douglas R.

1997. Structural Endogamy and the Graphe de Parenté. *Mathématiques, Informatique et Sciences Humaines* 137: 107-125.

White, Douglas R.

1999. Controlled Simulation of Marriage Systems. *Journal of Artificial Societies and Social Simulation* 2 (3).

White, Douglas R., Vladimir Batagelj, and Andrej Mrvar.

1999. Analyzing Large Kinship and Marriage Networks. *Social Science Computer Review* 17: 245-274.

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: Networks and Complexity.)

White, Douglas R., and Paul Jorion.

HAVE

1992. Representing and Computing Kinship: A New Approach. *Current Anthropology* 33 (4): 454-463.

White, Douglas R., and Paul Jorion.

1996. Kinship Networks and Discrete Structure Theory: Applications and Implications. *Social Networks* 18: 267-314. [Kinship systems as a test case.]

OPTIMALITY THEORY

El Guindi, Fadwa

2010. The Cognitive Path through Kinship. *Journal of Behavior and Brain Sciences* 33 (5): 384-385.

Jones, Doug.

HAVE

2003a. The Generative Psychology of Kinship. Pt. 1. Cognitive Universals and Evolutionary Psychology. *Evolution and Human Behavior* 24: 303-319.

Jones, Doug.

HAVE

2003b. The Generative Psychology of Kinship. Pt. 2. Generating Variation from Universal Building Blocks with Optimality Theory. *Evolution and Human Behavior* 24: 320-350.

Jones, Doug.

HAVE

2004. The Universal Psychology of Kinship: Evidence from Language. *Trends in Cognitive Sciences* 8 (5): 211-215.

Jones, Doug.

2011. Grammars of Kinship and Color: Cognitive Universals and Optimal Communication. In *Kinship, Language and Prehistory: Per Hage and the Renaissance in Kinship Studies*, edited by Doug Jones and Bojka Milicic. Pp. 196-211. Salt Lake City: University of Utah Press.

SCALOGRAM ANALYSIS

Buchler, Ira R.

1964a. A Formal Account of the Hawaiian- and Eskimo-Type Kinship Terminologies. *Southwestern Journal of Anthropology* 20 (3): 286-318.

Buchler, Ira R.

HAVE

1964b. Measuring the Development of Kinship Terminologies: Scalogram and Transformational Accounts of Crow-type Systems. *American Anthropologist* 66 (4, pt. 1): 765-788.

Buchler, Ira R.

HAVE

1964c. Crow Terminological Scales: Corrections. *American Anthropologist* 67 (2): 563-564.

Buchler, Ira R.

1966. Measuring the Development of Kinship Terminologies: Scalogram and Transformational Accounts of Omaha-Type Systems. *Bijdragen tot de Taal-, Land-en Volkenkunde* 122: 36-63.

Kronenfeld, David B.

HAVE

1972. Guttman Scaling: Problems of Conceptual Domain, Unidimensionality, and Historical Inference. *Man* 7 (2): 255-276.

Scheffler, Harold W.

1967. On Scaling Kinship Terminologies. *Southwestern Journal of Anthropology* 23 (2): 159-175.

Witkowski, Stanley R.

1972. Guttman's Scaling of Semantic Distinctions. In *Kinship Studies in the Morgan Centennial Year*, edited by Priscilla Reining. Pp. 167-188. Washington: Anthropological Society of Washington.

STATISTICAL METHODS

Chu, Hsien-Jen. **HAVE**
1969. A Note to Utilizing Murdock's Ethnographic Survey Materials for Cross-Cultural Family Research. *Journal of Marriage and the Family* 31 (2): 311-314.

Coult, Alan D., and Robert W. Habenstein.
1965. *Cross Tabulations of Murdock's World Ethnographic Sample*. Columbia, MO: University of Missouri. 549 P. [Pp. XXVIII-XXXII: code book for cousin terminology, bifurcation and colateralization.]

Review: Naroll 1967.

Driver, Harold E. **HAVE**
1953. Statistics in Anthropology. *American Anthropologist* 55 (1): 42-59. [P. 54: on the correlation between kinship systems, specifically of "Crow-Omaha" type and linguistic structures.]

Driver, Harold E. **HAVE**
1966. Geographical-Historical *versus* Psycho-Functional Explanations of Kin Avoidances. *Current Anthropology* 7 (2): 131-182. [Includes correlations with the types of kin terminologies.]

Driver, Harold E., and Peggy R. Sanday.
1971. Factors and Clusters of Kin Avoidance and Related Variables. In *Explorations in Mathematical Anthropology*, edited by Paul Kay. Pp. 269-279. Cambridge, MA, and London: MIT Press.

Driver, Harold E., and Karl F. Schuessler.
1967. Correlational Analysis of Murdock's 1957 Ethnographic Sample. *American Anthropologist* 69 (3-4): 332-352.

Jorgensen, Joseph G.
1966. Geographical Clustering and Functional Explanations of In-Law Avoidances. *Current Anthropology* 7: 161-169.

Köbben, A. J. F.
1951. De nieuwe uitwerking van een oude gedachte: Over de statistische methode in de volkenkunde. *Mens en Maatschappij* 26: 321-340.

Köbben, A. J. F.
1952. New Ways of Presenting an Old Idea: The Statistical Method in Social Anthropology. *Journal of the Royal Anthropological Institute* 82: 129-146.

Levinson, David. (ed.)
1977. *A Guide to Social Theory: Worldwide Cross-Cultural Tests*. Vols. 1-5. New Haven: HRAF.

Reviews: Brudner-White & White 1979; Naroll 1979; Swanson 1980.

- Murdock, George P. **HAVE**
1957. World Ethnographic Sample. *American Anthropologist* 59: 664-687.
- Reprinted in: *Readings in Cross-Cultural Methodology*, edited by Frank W. Moore. Pp. 193-216. New Haven: HRAF, 1961.
- Murdock, George P.
1959. Evolution in Social Organization. In *Evolution and Anthropology: A Centennial Appraisal*. Pp. 126-143. Washington, D. C.: Anthropological Society of Washington. [Pp. 135-143: on the worldwide statistical correlations between types of kin terminology and social structure.]
- Murdock, George P.
1966. Cross-Cultural Sampling. *Ethnology* 5 (1): 97-114.
- Murdock, George P.
1967a. *Ethnographic Atlas*. Pittsburgh: University of Pittsburgh Press. 128 P.
- Review*: Coult 1968.
- Murdock, George P.
1967b. Ethnographic Atlas: A Summary. *Ethnology* 6 (2): 109-236.
- Murdock, George P.
1970. World Sampling Provinces. *Ethnology* 7 (3): 305-326.
- Murdock, George P.
1971. Cross-Sex Patterns in Kin Behavior. *Ethnology* 10 (3): 359-368.
- Murdock, George P., Clellan S. Ford, Alfred E. Hudson, Raymond Kennedy, Leo W. Simmons, John W. M. Whiting.
1950. *Outline of Cultural Materials*. 3rd revised edition. New Haven, CT: HRAF. [Pp. 86-93: family, kin terminology and kin groups.]
- Murdock, George P., and Douglas R. White.
1969. Standard Cross-Cultural Sample. *Ethnology* 8 (4): 329-369.
- Naroll, Raoul. **HAVE**
1970. What Have We Learned from Cross-Cultural Surveys? *American Anthropologist* 72 (6): 1227-1288.
- Pans, A. E. M. J.
1998. The Mother-In-Law Taboo. *Ethnology* 37 (1): 71-97.
- Spiro, Melford E. **HAVE**
1965. A Typology of Social Structure and the Patterning of Social Institutions: A Cross-Cultural Study. *American Anthropologist* 67 (5, pt. 1): 1097-1119.
- White, Douglas R.
2002. A Note on Replication in Kinship Terminology. *World Cultures* 11 (1): 118.
- Whiting, John W. M., M. L. Burton, A. Kimball Romney, C. C. Moore and Douglas R. White.

1988. An Analysis of Murdock's Model for Social Structure Based on Optimal Scaling.
Behavior Science Research 22: 23-40.