

References

- Abeles, M. (1991). *Corticonics*. *Cognitive Science*. Oxford, UK: Oxford University Press.
- Abelson, H. & Sussman, G.J. with Sussman, J. (1985). *Structure and Interpretation of Computer Programs*. Cambridge, MA: MIT Press.
- Adams, D. (1979). *The Hitch Hiker's Guide to the Galaxy*. London: Pan Books.
- Aho, A.V. & Ullman, J.D. (1972). *The Theory of Parsing, Translation, and Compiling* (Bd. 1). Englewood Cliffs, NJ: Prentice Hall.
- Ahrens, H.J. (1974). *Multidimensionale Skalierung*. Weinheim: Beltz.
- Aleksander, I. (1983). Emergent intelligent properties of progressively structured pattern recognition nets. *Pattern Recognition Letters*, 1, 375-384.
- Aloimonos, J. (1990). Purposeful and qualitative active vision. *Proceedings of the Image Understanding Workshop*. Pittsburg, PA., 816-828.
- Anderson, J.R. (1978). Arguments concerning representations for mental imagery. *Psychological Review*, 85, 249-277.
- Anderson, J.R. (1982). Acquisition of cognitive skill. *Psychological Review*, 89, 369-406.
- Anderson, J.R. (1983). *The Architecture of Cognition*. Cambridge, MA: Harvard University Press.
- Anderson, J.R. (1984). Acquisition of proof skills in geometry. In R.S. Michalski, J.G. Carbonell & T.M. Mitchell (Hrsg.), *Machine Learning - An Artificial Intelligence Approach* (Bd. 1, S. 191-219). Berlin: Springer.
- Anderson, J.R. (1988). *Kognitive Psychologie. Eine Einführung*. Heidelberg: Spektrum.
- Anderson, J.R. (1990). *The Adaptive Character of Thought*. Hillsdale, NJ: Erlbaum.
- Anderson, J.R. (1991). The adaptive nature of human categorization. *Psychological Review*, 98 (3), 409-429.
- Anderson, J.R. (1993). *Rules of the Mind*. Hillsdale, NJ: Erlbaum.
- Anderson, J.R. (1995). *Learning and Memory. An Integrated Approach*. New York: Wiley & Sons.
- Anderson, J.R. & Bower, G.H. (1973). *Human Associative Memory*. Washington, DC: Winston.
- Anderson, J.R., Boyle, C.F., Corbett, A.T. & Lewis, M.W. (1990). Cognitive Modeling and Intelligent Tutoring. In W.J. Clancey & E. Soloway (Hrsg.), *Artificial Intelligence and Learning Environments* (S. 7-49). Cambridge, MA: MIT Press.
- Anderson, J.R., Conrad, F.G. & Corbett, A.T. (1989). Skill acquisition and the LISP tutor. *Cognitive Science*, 13, 467-505.

- Anderson, J.R., Corbett, A.T. & Reiser, B.J. (1987). *Essential LISP*. Reading, MA: Addison-Wesley.
- Anderson, J.R., Farrell, R. & Sauters, R. (1984). Learning to program in LISP. *Cognitive Science*, 8, 87-129.
- Anderson, J.R. & Thompson, R. (1989). Use of analogy in a production system architecture. In S. Vosniadou & A. Ortony (Hrsg.), *Similarity and Analogical Reasoning* (S. 267-297). Cambridge, UK: Cambridge University Press.
- Atkinson, R.C. & Shiffrin, R.M. (1968). Human memory: A proposed system and its control processes. In O. Spence & O. Spence (Hrsg.), *Advances in the Psychology of Learning and Motivation* (Bd. 2, S. 89-195). New York: Academic Press.
- Backus, J. (1977). Can programming be liberated from the von Neumann style? A functional style and its algebra of programs. *Communications of the ACM*, 21, 613-641.
- Bajcsy, R. (1988). Active perception vs passive perception. *Proceedings of the IEEE*, 76(8), 996-1005.
- Barr, A. & Feigenbaum, E.A. (1981). *The Handbook of Artificial Intelligence* (Bd. 1, 2). Reading, MA: Addison-Wesley.
- Bartlett, F.C. (1932). *Remembering: An Experimental and Social Study*. Cambridge, UK: Cambridge University Press.
- Barwise, J. & Perry, J. (1984). *Situations and Attitudes*. Cambridge, MA: MIT Press.
- Bauer, F.L. & Goos, G. (1973/1984, 3. Auflage). *Informatik. Eine einführende Übersicht*. Heidelberg: Springer.
- Beckstein, C. (Hrsg.). (1993). KI-Programmierung. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 883-1035). Bonn: Addison-Wesley.
- Biederman, I. (1985). Human image understanding: Recent research and a theory. *Computer Vision, Graphics and Image Processing*, 32, 29-73.
- Binford, T.O. (1971). Visuell Perception by Computer. *Proceedings IEEE Conference on Systems Sciences and Cybernetics*. Miami, FL.
- Bobrow, D.G. & Winograd, T. (1977). An overview of KRL, a knowledge representation language. *Cognitive Science*, 1, 3-46.
- Boden, M. (1990). *The Philosophy of Artificial Intelligence*. Oxford: Oxford University Press.
- Bortz, J. (1984). *Lehrbuch der empirischen Sozialforschung*. Berlin: Springer.
- Bourne, L.E. (1974). An inference model of conceptual rule learning. In R. Solso (Hrsg.), *Theories in Cognitive Psychology* (S. 393-395). Washington, DC: Erlbaum.
- Brachman, R.J. (1983). What IS-A is and isn't: An analysis of taxonomic links in semantic networks. *IEEE Computer*, 16 (10), 30-36.
- Brachman, R.J. & Schmolze, J.G. (1985). An overview of the KL-ONE knowledge representation language. *Cognitive Science*, 9, 171-216.
- Braitenberg, V. (1984). *Vehicles - Experiments in Synthetic Psychology*. Cambridge, MA: MIT Press.
- Bronstein, I.N. & Semendjajew, K.A. (1995). *Taschenbuch der Mathematik*. Thun und Frankfurt/Main: Verlag Harri Deutsch.

- Bruce, V. (1989). The structure of faces. In A.W. Young & H.D. Ellis (Hrsg.), *Handbook of research on face processing*. Amsterdam: North-Holland.
- Bruce, V. & Burton M. (1989). Computer recognition of faces. In A.W. Young & H.D. Ellis (Hrsg.), *Handbook of research on face processing*. Amsterdam: North-Holland.
- Bruce, V. & Green, P.R. (1990). *Visual Perception*. Hove, UK: Lawrence Erlbaum.
- Burstall, R.M., MacQueen, D.B. & Sanella, D.T. (1980). HOPE: an experimental applicative language. *CSR-62-80*. Department of Computer Science, University of Edinburgh.
- Busemann, S. (Hrsg.). (1993). Sprachverarbeitung. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz*. Bonn: Addison-Wesley.
- Cantor, G. (1962/1883). *Gesammelte Abhandlungen mathematischen und philosophischen Inhalts*. Hildesheim.
- Carnap, R. (1952). Meaning postulates. *Philosophical Studies*, 3, 65-73.
- Carnap, R. (1973). Psychologie in physikalischer Sprache. *Erkenntnis*, 3, 107-142.
- Chomsky, N. (1957). *Syntactic Structures*. The Hague: Mouton.
- Chomsky, N. (1959). On certain formal properties of grammars. *Information and Control*, 2, 137-167.
- Chomsky, N. (1959). Review of Skinner's 'Verbal Behavior'. *Language*, 35, 26-58.
- Chomsky, N. (1965). *Aspects of the Theory of Syntax*. Cambridge, MA: MIT Press.
- Chomsky, N. (1978). *Aspekte der Syntax-Theorie*. Frankfurt a.M.: Suhrkamp.
- Chomsky, N. (1981). *Lectures on Government and Binding*. Dordrecht: Foris.
- Church, A. (1936). An unsolvable problem of elementary number theory. *American Journal of Mathematics*, 58, 345-363.
- Church, A. (1941). *The Calculi of Lambda-Conversion*. Princeton, NJ: Princeton University Press.
- Clancey, W.J. (1993). Situated action: A neurophysiological interpretation. Respond to Vera and Simon. *Cognitive Science*, 17, 87-116.
- Clocksini, W.F. & Mellish, C.S. (1981). *Programmieren in PROLOG*. Berlin: Springer.
- Clowes, M.B. (1971). On seeing things. *Artificial Intelligence*, 2, 79-112.
- Collins, A.M. & Loftus, E.F. (1975). A spreading-activation theory of semantic processing. *Psychological Review*, 82, 407-428.
- Collins, A.M. & Quillian, M.R. (1969). Retrieval time from semantic memory. *Journal of Verbal Learning and Verbal Behavior*, 8, 240-247.
- Collins, A. & Smith, E.E. (1988). A perspective on cognitive science. In A. Collins & E.E. Smith (Hrsg.), *Readings in Cognitive Science: A Perspective from Psychology and Artificial Intelligence* (S. 1-4). San Mateo, CA: Morgan Kaufmann.
- Collins, A. & Smith, E.E. (Hrsg.). (1988). *Readings in Cognitive Science - A Perspective from Psychology and Artificial Intelligence*. San Mateo, CA: Morgan Kaufmann.

- Cooper, R., Fox, J., Farrington, J. & Shallice, T. (1996). A systematic methodology for cognitive modelling. *Artificial Intelligence, im Druck*.
- Covington, M.A. (1994). *Natural Language Processing for Prolog Programmers*. Englewood Cliffs, NJ: Prentice Hall.
- Dennett, D.C. (1987). *The Intentional Stance*. Cambridge, MA: MIT Press.
- Dev, P. (1975). Perception of depth surfaces in random-dot stereograms: A neural model. *International Journal of Man-Machine Studies*, 7, 511-528.
- Dietrich, G. & Stahl, H. (1967). *Grundzüge der Matrizenrechnung*. Leipzig: VEB Fachbuch.
- Dörfler, W. & Peschek, W. (1988). *Einführung in die Mathematik für Informatiker*. München: Hanser.
- Doyle, J.A. (1979). Truth Maintenance Systems. *Artificial Intelligence*, 12, 231-272.
- Dreyfus, H.L. (1972). *What Computers Can't Do - The Limits of Artificial Intelligence*. New York: Harper Row.
- Dreyfus, H.L. & Dreyfus, S.E. (1986). *Mind over Machine*. New York: Free Press.
- Eckes, T. & Roßbach, H. (1980). *Clusteranalysen*. Stuttgart: Kohlhammer.
- Elstein, A.S., Shulman, L.S. & Sprafka, S.A. (1978). *Medical Problem Solving: An Analysis of Clinical Reasoning*. Cambridge, MA: Harvard University Press.
- Engesser, H. (Hrsg.). (1988). *Duden der Informatik. Ein Sachlexikon für Studium und Praxis*. Mannheim: Dudenverlag.
- Ernst, G. & Newell, A. (1969). *GPS: A Case Study in Generality and Problem Solving*. New York: Academic Press.
- Fanselow, G. & Felix, S.W. (1987). *Sprachtheorie: Eine Einführung in die Generative Grammatik. Grundlagen und Zielsetzungen* (Bd. 1). Tübingen: UTB-Francke.
- Feigenbaum, E.A. (1977). The art of artificial intelligence: Themes and case studies in knowledge engineering. *Fifth International Joint Conference on Artificial Intelligence*. Cambridge, MA.
- Feldman, J.A. (1985). Four frames suffice: A provisional model of vision and space. *Behavioral & Brain Sciences*, 8, 265-313.
- Feldmann, J.A. & Ballard, D.H. (1982). Connectionist models and their properties. *Cognitive Science*, 9, 1-2.
- Feyerabend, P.K. (1984). *Wissenschaft als Kunst*. Frankfurt, Main: Suhrkamp.
- Field, A.J. & Harrison, P.G. (1988). *Functional Programming*. Reading, MA: Addison-Wesley.
- Fillmore, C.J. (1968). The case for case. In E. Bach & R.T. Harms (Hrsg.), *Universals in Linguistic Theory* (S. 1-90). New York: Holt, Rinehart & Winston.
- Fleck, J. (1982). Development and Establishment in Artificial Intelligence. In N. Elias, H. Martins & R. Whitley (Hrsg.), *Scientific Establishments and Hierarchies: Sociology of Science* (Bd. 6, S. 169-217) Reidel.
- Fodor, J.A. (1975). *The Language of Thought*. New York: Crowell.
- Fodor, J.A. & Pylyshyn, Z.W. (1988). Connectionism and cognitive architecture: A critical analysis. *Cognition*.

- Frazier, L. & Fodor, J.D. (1978). The sausage machine: A new two-stage parsing model. *Cognition*, 6, 291-325.
- Frege, G. (1879/1972). Conceptual notation: A formula language of pure thought modelled upon the formula language of arithmetic. In T.W. Bynum (Hrsg.), *Conceptual Notation and Related Articles*. Oxford: Oxford University Press (ursprünglich deutsch: Halle: L. Nebert).
- Gardner, H. (1985). *Dem Denken auf der Spur*. Stuttgart: Klett-Cotta.
- Garnham, A. (1985/1992). *Psycholinguistics - Central Topics*. London: Methuen.
- Gazdar, G., Klein, E., Pullum, G.K. & Sag, I.A. (1985). *Generalized Phrase Structure Grammar*. Cambridge, UK: Blackwell.
- Gibson, J.J. (1966). *The Senses considered as Perceptual Systems*. Boston, MA: Houghton Mifflin.
- Gibson, J.J. (1979). *The Ecological Approach to Visual Perception*. Boston, MA: Houghton Mifflin.
- Gibson, J.J. (1982). *Wahrnehmung und Umwelt*. München: Urban & Schwarzenberg.
- Glenberg, A.M. & Langston, W.E. (1992). Comprehension of illustrated text: Pictures help to build mental models. *Journal of Memory and Language*, 31, 129-151.
- Glenberg, A.M. & Meyer, M. & Lindem, K. (1987). Mental models contribute to foregrounding during text comprehension. *Journal of Memory and Language*, 26, 69 - 83.
- Gödel, K. (1931). Über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme, I. *Monatshefte für Mathematik und Physik*, 38, 173-198.
- Gödel, K. (1990). *Collected Works* (Bd. I, II). New York: Oxford University Press.
- Goldstein, E.B. (1989). *Sensation and Perception, 3rd edition*. Belmont, CA: Wadsworth.
- Graubard, S. R. (Hrsg.). (1988). *The Artificial Intelligence Debate: False Stars, Real Foundations*. Cambridge, MA: MIT Press.
- Greeno, J.G. & Moore, J.L. (1993). Situativity and symbols: a respond to Vera and Simon. *Cognitive Science*, 17, 49-59.
- Grimson, W.E.I. (1980). A computer implementation of a theory of human stereo vision. MIT A.I. Lab Memo 565. *Philosophical Transactions of the Royal Society*. London, UK:, B292, 217-253.
- Grimson, W.E.I. & Marr, D. (1979). A computer implementation of a theory of human stereo vision. In Baumann, L.S. (Hrsg.), *Proceedings of ARPA Image Understanding Workshop* (S. 41-45). Palo Alto, CA: SRI.
- Grüsser, O.J & Grüsser-Cornehls, U. (1985). Physiologie des Sehens. In R.F. Schmidt (Hrsg.), *Grundriß der Sinnesphysiologie* (S. 174-241). Berlin: Springer.
- Guzman, A. (1968). Decomposition of a visual scene into three-dimensional bodies. *AFIPS Proceedings of the Fall Joint Computer Conference* , 33, 291-304.
- Halmos, P.R. (1976). *Naive Mengenlehre*. Göttingen: Vandenhoeck & Ruprecht.

- Harel, D. (1987). *Algorithmics. The Spirit of Computing*. Reading, MA: Addison-Wesley.
- Harper, R.M., Milner, R. & Tofte, M. (1988). The Definition of Standard ML, Version 2. *ECS-LFCS-88-62*. Laboratory of Computer Science, Computer Science Department, Edinburgh.
- Haugeland, J. (1985). *Artificial Intelligence: The Very Idea*. Cambridge, MA: MIT Press.
- Hayes-Roth, F., Waterman, A.D. & Lenat, D.B. (Hrsg.). (1983). *Building Expert Systems*. Reading, MA: Addison-Wesley.
- Hebb, D.O. (1949). *The Organization of Behavior*. New York: Wiley.
- Herbrand, J. (1930). Sur la théorie de la démonstration. In W. Goldfarb (Hrsg.), *Logical Writings*. Cambridge, MA.
- Hermes, H. (1963). *Einführung in die mathematische Logik*. Stuttgart: Teubner.
- Hertz, J., Krogh, A. & Palmer, R.G. (1991). *Introduction to the Theory of Neural Computing*. Redwood City, CA: Addison-Wesley.
- Heuser, H. (1986). *Lehrbuch der Analysis Teil 1, 4. Auflage*. Stuttgart: Teubner.
- Heuser, H. (1986). *Lehrbuch der Analysis Teil 2, 3. Auflage*. Stuttgart: Teubner.
- Hilbert, D. & Bormays, P. (1970). *Grundlagen der Mathematik*. Berlin: Springer.
- Hiltl, W. (1991). Ein HPSG-Entwurf für das Deutsche und seine Implementation. *Unveröffentlichte Diplomarbeit*. Universität Koblenz-Landau.
- Hochberg, J. & Brooks, V. (1960). The psychophysics of form: Reversible perspective drawings of spatial objects. *American Journal of Psychology*, 73, 337-354.
- Hoffmann, A. (1995). Auf der Suche nach den Prinzipien der Künstlichen Intelligenz. *KI - Themenheft KI und Kognition*, 6/95, 35-41.
- Hofstadter, D.R. (1979). *Gödel, Escher, Bach. An Eternal Golden Braid*. New York: Basic Books.
- Hofstadter, D.R. (1985). *Gödel, Escher, Bach. Ein endlos geflochtenes Band*. Stuttgart: Klett-Cotta.
- Hofstadter, D.R. & Dennett, D.C. (1981). *The Mind's I. Fantasies and Reflections on Self and Soul*. New York: Bantam.
- Hofstadter, D.R. & Dennett, D.C. (1991). *Einsicht ins Ich. Fantasien und Reflexionen über Selbst und Seele*. Stuttgart: Klett-Cotta.
- Hopcroft, J.E. & Ullman, J.D. (1990). *Einführung in die Automatentheorie, formale Sprachen und Komplexitätstheorie*. Bonn: Addison-Wesley.
- Horn, B.K.P. (1975). Obtaining shape from shading information. In Winston, P.H. (Hrsg.), *The Psychology of Computer Vision* (S. 115-155). New York: McGraw-Hill.
- Horowitz, E. & Sahni, S. (1978). *Fundamentals of Computer Algorithms*. Potomac, MD: Computer Science Press.
- Hubel, D.H. & Wiesel, T.N. (1959). Receptive fields of single neurons in the cat's striate cortex. *Journal of Physiology*, 148, 574-591.
- Hubel, D.H. & Wiesel, T.N. (1962). Receptive fields, binocular interaction and functional architecture in the cat's visual cortex. *Journal of Physiology*, 160, 106-154.

- Huffman, D.A. (1971). Impossible objects as nonsense sentences. In B. Meltzer & D. Michie (Hrsg.), *Machine intelligence 6*. Edinburgh: Edinburgh University Press.
- Humphreys, G.W. & Bruce, V. (1989). *Visual Cognition*. Hove, UK: Lawrence Erlbaum.
- Hussy, W. (1984). *Denkpsychologie: Ein Lehrbuch* (Bd. 1). Stuttgart: Kohlhammer.
- Jänich, K. (1993). *Lineare Algebra*. Berlin: Springer.
- Johnson-Laird, P.N. (1982). Propositional representations, procedural semantics, and mental models. In J. Mehler, E.C.T. Walker & M.F. Garrett (Hrsg.), *Perspectives on Mental Representation: Experimental and Theoretical Studies of Cognitive Processes and Capacities*. Hillsdale, NJ: Lawrence Erlbaum.
- Johnson-Laird, P.N. (1983). *Mental Models: Towards a Cognitive Science of Language, Inference, and Consciousness*. Cambridge, UK: Cambridge University Press.
- Johnson-Laird, P.N. (1988). Freedom and constraint in creativity. In R.J. Sternberg (Hrsg.), *Creativity*. Cambridge, UK: Cambridge University Press.
- Johnson-Laird, P.N. (1988). *The Computer and the Mind: An Introduction to Cognitive Science*. London: Fontana Press.
- Jones, R., Maynard, C. & Steward, J. (1990). *The Art of LISP Programming*. London: Springer.
- Julesz, B. (1963). Towards the automation of binocular depth perception (AUTO-MAP-1). In Popplewell, C.M. (Hrsg.), *Proceedings of the IFIPS Congress*. Amsterdam, NL: North Holland.
- Julesz, B. (1981). Textones, the elements of texture perception and their interactions. *Nature*, 290, 91-97.
- Kaindl, H. (1989). *Problemlösen durch Suche in der Artificial Intelligence*. Wien: Springer.
- Kamp, J.A.W. (1981). A theory of truth and semantic representation. In J. Groenendijk, T.M.V. Jansen & M.B.J. Stokhof (Hrsg.), *Formal Methods in the Study of Language*. Amsterdam: Mathematical Centre.
- Katz, J.J. & Fodor, J.A. (1963). The structure of a semantic theory. *Language*, 39, 170-210.
- Kelter, S. & Kaup, B. (1995). Räumliche Vorstellungen und Textverstehen: Neuere Entwicklungen der Theorie mentaler Modelle. In B. Spillner (Hrsg.), *Sprache: Verstehen und Verständlichkeit. Kongressbeiträge zur 25. Jahrestagung der Gesellschaft für Angewandte Linguistik* (S. 70-82). Frankfurt a.M.: Lang.
- Kintsch, W. (1974). *The Representation of Meaning in Memory*. Hillsdale, NJ: Lawrence Erlbaum.
- Klahr, D., Langley, P. & Neches, R. (Hrsg.). (1987). *Production System Models of Learning and Development*. Cambridge, MA: MIT Press.
- Klix, F., Sydow, H. & Wysotzki, F. (Hrsg.). (1974). *Erkennungs- und Klassifizierungsprozesse*. Berlin (DDR): VEB Deutscher Verlag der Wissenschaften.
- Knuth, D.E. (1973). *The Art of Computer Programming*. Reading, MA: Addison-Wesley.

- Koffka, K. (1935). *Principles of Gestalt Psychology*. New York: Harcourt Brace.
- Kohonen, T., Oja, E. & Lehtiö, P. (1981). Storage and processing of information in distributed associative memory systems. In Hinton, G.E. & Anderson, J.A. (Hrsg.), *Parallel models of associative memory*. Hillsdale, NJ: Lawrence Erlbaum.
- Konerding, U. (1992). Eine idealisierte, strukturalistische Vorstellung von Erfahrungswissen als Grundlage für die Theoriebildung in der Einstellungspsychologie. In E.H. Witte (Hrsg.), *Einstellung und Verhalten* (Bd. 32, S. 119-151). Braunschweig: Braunschweiger Studien zur Erziehungs- und Sozialarbeitswissenschaft.
- Kosslyn, S. (1980). *Image and Mind*. Cambridge, MA: Harvard University Press.
- Kowalski, R. (1979). Algorithm = Logic + Control. *Communications of the ACM*, 7 (22).
- Kowlaski, R. (1979). *Logic for Problem Solving*. New York: North-Holland.
- Krantz, D.H., Atkinson, R.C., Luce, R.D. & Suppes, P. (Hrsg.). (1974). *Contemporary Developments in Mathematical Psychology: Learning, Memory and Thinking* (Bd. 1). San Francisco: Freeman.
- Krause, W. & Wysotzki, F. (1984). Computermodelle und psychologische Befunde der Wissensrepräsentation. In F. Klix (Hrsg.), *Gedächtnis, Wissen, Wissensnutzung* (S. 108-136). Berlin: VEB Deutscher Verlag der Wissenschaften.
- Kripke, S.A. (1963). Semantical considerations on modal logic. *Acta Philosophica Fennica*, 16, 83-94.
- Kuhn, T.S. (1962). *The Structure of Scientific Revolutions*. Chicago: University of Chicago Press.
- Kukla, F. (1975). Experimentalpsychologische Analysen von Diagnoseprozessen. *Zeitschrift für Psychologie*, 183 (3), 233-259.
- Kunz, G. C. & Schott, F. (1987). *Intelligente tutorielle Systeme - Neue Ansätze der computerunterstützten Steuerung von Lehr-Lern-Prozessen*. Göttingen: Hogrefe.
- Kurzweil, R. (1990). *The Age of Intelligent Machines*. Cambridge, MA: MIT-Press.
- Kurzweil, R. (1993). *Das Zeitalter der Künstlichen Intelligenz*. München: Hanser.
- Kutschera, F. v. (1975). *Sprachphilosophie*. München: UTB-Fink.
- Laird, J.E., Congdon, C.B., Altmann, E. & Doorenbos, R. (1993). *SOAR User's Manual Version 6 Edition 1*. Pittsburg, PA: CMU: School of Computer Science.
- Laird, J.E., Newell, A., & Rosenbloom, P.S. (1987). SOAR: An architecture for general intelligence. *Artificial Intelligence*, 33, 1-64.
- Lakoff, G. & Johnson, M. (1980). *Metaphors We Live By*. Chicago: University of Chicago Press.
- Larkin, J.H. & Simon, H.A. (1987). Why a diagram is (sometimes) worth ten thousand words. *Cognitive Science*, 11, 65-99.
- Lenat, D.B. & Guha, R.V. (1990). *Building Large Knowledge-Based Systems*. Reading, MA: Addison-Wesley.
- Lindsay, P.H. & Norman, D.A. (1977). *Human Information Processing*. New York: Academic Press.

- Lloyd, J.W. (1984). *Foundations of Logic Programming*. Berlin: Springer.
- Lüer, G. & Spada, H. (1990). Denken und Problemlösen. In H. Spada (Hrsg.), *Allgemeine Psychologie* (S. 189-322). Stuttgart: Huber.
- Lusti, M. (1990). *Wissensbasierte Systeme: Algorithmen, Datenstrukturen, Werkzeuge*. Mannheim: BI Wissenschaftsverlag.
- Maes, P. (1990). Situated agents can have goals. *Journal for Robotics and Autonomous Systems, Special Issue*, June.
- Mandl, H., Friedrich, H.F. & Hron, A. (1988). Theoretische Ansätze zum Wissenserwerb. In H. Mandl & H. Spada (Hrsg.), *Wissenspsychologie* (S. 123-160). München: Psychologie Verlags Union.
- Marr, D. (1974). The computation of lightness by the primate retina. *Vision Research*, 14, 1377-1388.
- Marr, D. (1976). Early processing of visual information. *Philosophical Transactions of the Royal Society of London, Series B*, 275, 483-524.
- Marr, D. (1977). Analysis of occluding contour. *Proceedings of the Royal Society of London, Series B*, 197, 441-475.
- Marr, D. (1982). *Vision*. San Francisco, CA: W.H. Freeman & Co.
- Marr, D. & Hildreth, E. (1980). Theory of edge detection. *Proceedings of the Royal Society of London, Series B*, 207, 187-216.
- Marr, D. & Nishihara, H.K. (1978). Representation and recognition of the spatial organization of three-dimensional shapes. *Proceedings of the Royal Society of London, Series B*, 200, 269-294.
- Marr, D. & Poggio, T. (1976). Cooperative computation of stereo disparity. *Science*, 194, 283-287.
- Marr, D. & Poggio, T. (1979). A computational theory of human stereo vision. *Proceedings of the Royal Society of London, Series B*, 204, 310-328.
- Marr, D. & Ullman, S. (1981). Directional selectivity and its use in early information processing. *Proceedings of the Royal Society of London, Series B*, 211, 151-180.
- Marslen-Wilson, W.D. & Tyler, L.K. (1980). The temporal structure of spoken language understanding. *Cognition*, 8, 1-71.
- Mayer, R.E. (1983). *Thinking, Problem Solving, Cognition*. New York: W.H. Freeman.
- McCarthy, J. (1956). The inversion of functions defined by turing machines. In D.E. Shannon & J. McCarthy (Hrsg.), *Automata Studies. Annals of Mathematical Studies* (Bd. 34, S. 177-181).
- McCarthy, J. (1960). Recursive functions of symbolic expressions and their computation by machine, Part 1. *Communications of the ACM*, 3 (4) 184-195.
- McCarthy, J. (1978). The History of LISP. *Proceedings of the SIGPLAN History of Programming Languages Conference*.
- McCarthy, J. (1979). Ascribing mental qualities to machines. In M. Ringle (Hrsg.), *Philosophical Perspectives in Artificial Intelligence*. Atlantic Highlands, NJ: Humanities Press.
- McCarthy, J., Abrahams, P.W., Edwards, D.J., Hart, T.P., Levin, M.I. (1962). *LISP 1.5 programmers manual*. Cambridge, MA: MIT Press.

- McClelland, J.L., Rumelhart, D.E. & the PDP Research Group. (1986). *Parallel Distributed Processing: Exploration in the Microstructure of Cognition* (Bd. 2, Psychological and Biological Models). Cambridge, MA: MIT Press.
- McCulloch, W.S. & Pitts, W. (1943). A logical calculus of the ideas immanent in nervous activity. *Bulletin of Mathematical Biophysics*, 5, 115-133.
- McDermott, D. (1981). Artificial intelligence meets natural stupidity. In J. Haugeland (Hrsg.), *Mind Design*. Vermont: Bradford.
- McDermott, D. (1982). R1: A rule-based configurator of computer systems. *Artificial Intelligence*, 19, 39-88.
- Meyer-Fujara, J., Puppe, F. & Wachsmuth, I. (1993). Expertensysteme und Wissensmodellierung. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 714-766). Bonn: Addison-Wesley.
- Michalski, R.S., Carbonell, J.G. & Mitchell, T.M. (Hrsg.). (1984). *Machine Learning: An Artificial Intelligence Approach* (Bd. 1). Berlin: Springer.
- Michalski, R.S., Carbonell, J.G. & Mitchell, T.M. (Hrsg.). (1986). *Machine Learning: An Artificial Intelligence Approach* (Bd. 2). Los Altos, CA: Tioga.
- Minsky, M. (1967). *Computation: Finite and Infinite Machines*. Englewood, NJ: Prentice Hall.
- Minsky, M. (1975). A framework for representing knowledge. In P.H. Winston (Hrsg.), *The Psychology of Computer Vision* (S. 211-277). New York: McGraw-Hill.
- Minsky, M. & Papert, S. (1988). *Perceptrons, expanded edition*. Cambridge, MA: MIT Press.
- Möbus, C. (1988). Modellierung kognitiver Prozesse mit daten- bzw. zielorientierten Regelsystemen. In H. Mandl & H. Spada (Hrsg.), *Wissenspsychologie* (S. 423-465). München: Psychologie Verlags Union.
- Morik, K. (1993). Maschinelles Lernen. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 247-301). Bonn: Addison-Wesley.
- Morton, J. (1969). The interaction of information in word recognition. *Psychological Review*, 76, 165-178.
- Müller, W. & Wysotzki, F. (1994). Automatic construction of decision trees for classification. *Annals of Operations Research*, 52, 231-247.
- Müller, W. & Wysotzki, F. (1995). Automatic synthesis of control programmes by combination of learning and problem solving methods. In N. Lavrac & S. Wrobel (Hrsg.), *European Conference on Machine Learning (ECML, Heraklion, Greece)* (S. 323-326).
- Münch, D. (1992). Computermodelle des Geistes. In D. Münch (Hrsg.), *Kognitionswissenschaft: Grundlagen, Probleme, Perspektiven* (S. 7-53). Frankfurt: Suhrkamp.
- Neisser, U. (1964). Visual search. *Scientific American*, 210(6), 94-102.
- Neisser, U. (1967). *Cognitive psychology*. New York: Appleton-Century-Crofts.
- Nelson, J.I. (1975). Globality and stereoscopic fusion in binocular vision. *Journal of Theoretical Biology*, 49, 1-88.
- Newell, A. (1973). Production systems: Models of control structures. In W.G. Chase (Hrsg.), *Visual Information Processing*. New York: Academic Press.
- Newell, A. (1980). Physical symbol systems. *Cognitive Science*, 4, 135-183.

- Newell, A. (1990). *Unified Theories of Cognition*. Cambridge, MA: Harvard University Press.
- Newell, A., Shaw, J.C. & Simon, H.A. (1957). Empirical explorations of the logic theory machine: A case study in heuristics. *Proceedings of the Joint Computer Conference*, 218-230.
- Newell, A., Shaw, J.C. & Simon, H.A. (1958). Elements of a theory of human problem solving. *Psychological Review*, 65, 151-166.
- Newell, A. & Simon, H.A. (1963). GPS: A program that simulates human thought. In E.A. Feigenbaum & J. Feldman (Hrsg.), *Computers and Thought* (S. 279-293). New York: McGraw-Hill.
- Newell, A. & Simon, H.A. (1972). *Human Problem Solving*. Englewood Cliffs, NJ: Prentice Hall.
- Newell, A. & Simon, H.A. (1976). Computer science as empirical inquiry: Symbols and search. *Communications of the ACM*, 19, 113-126.
- Nilsson, N. (1971). *Problem-solving Methods in Artificial Intelligence*. New York: McGraw-Hill.
- Nilsson, N. (1982). *Principles of Artificial Intelligence*. Berlin: Springer.
- Noltemeier, H. (1976). *Graphentheorie mit Algorithmen und Anwendungen*. Berlin: de Gruyter.
- Norman, D.A. (1986). Reflections on cognition and parallel distributed processing. In J.J. McClelland & D.E. Rumelhart (Hrsg.), *Parallel Distributed Processing - Explorations in the Microstructures of Cognition* (Bd. 2, S. 531-546). Cambridge, MA: MIT Press.
- Norman, D.A. (1993). Cognition in the head and in the world: an introduction to the special issue on situated action. *Cognitive Science*, 17, 1-6.
- Norman, D.A. & Rumelhart, D.E. (1975). *Explorations in Cognition*. San Francisco, CA: Freeman.
- O'Keefe, R.A. (1991). *The Craft of PROLOG*. Cambridge, MA: MIT Press.
- Opwis, K. (1988). Produktionssysteme. In H. Mandl & H. Spada (Hrsg.), *Wissenspsychologie* (S. 74-98). München: Psychologie Verlags Union.
- Opwis, K. (1992). *Kognitive Modellierung*. Bern: Huber.
- Opwis, K. & Plötzner, R. (1996). *Kognitive Modellierung mit PROLOG*. Heidelberg: Spektrum.
- Owsnicki-Klewe, B. (1993). Wissensrepräsentation und Logik. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 3-204). Bonn: Addison-Wesley.
- Papert, S. (1973). Uses of technology to enhance education. *AI Memo 298*. AI Laboratory Massachusetts Institute of Technology.
- Penrose, R. (1989). *The Emperor's New Mind: Concerning Computers, Minds, and the Laws of Physics*. New York: Oxford University Press.
- Penrose, R. (1991). *Computerdenken*. Heidelberg: Spektrum.
- Pinkal, M. (1993). Semantik. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 425-498). Bonn: Addison-Wesley.
- Pomerleau, D.A., Gowdy, J., Thorpe, C.E. (1991). Combining artificial neural networks and symbolic processing for autonomous robot guidance. *Engineering Applications of Artificial Intelligence*, 4, 961-967.

- Post, E.L. (1943). Formal reductions of the general combinatorial decision problem. *American Journal of Mathematics*, 65, 197-268.
- Puppe, F. (1991). *Einführung in Expertensysteme*. Berlin: Springer.
- Putnam, H. (1968). Minds and Machines. In S. Hook (Hrsg.), *Dimensions of Mind* (S. 138-164). New York: Collier.
- Pylyshyn, Z.W. (1984). *Computation and Cognition - Toward a Foundation for Cognitive Science*. Cambridge, MA: Bradford MIT.
- Quillian, M.R. (1968). Semantic memory. In M. Minsky (Hrsg.), *Semantic Information Processing* (S. 216-270). Cambridge, MA: MIT Press.
- Quillian, M.R. (1969). The teachable language comprehender. *Communications of the Association of Computing Machinery*, 12, 459-476.
- Quine, W. (1959). *Grundzüge der Logik*. Frankfurt, Main: Suhrkamp.
- Quine, W. (1960). *Word and Object*. Cambridge, MA: MIT Press.
- Quinlan, J.R. (1984). Learning efficient classification procedures and their application to chess end games. In R.S. Michalski, J.G. Carbonell & T.M. Mitchell (Hrsg.), *Machine Learning - An Artificial Intelligence Approach* (Bd. 1, S. 463-482). Berlin: Springer.
- Rayner, K., Carlson, M. & Frazier, L. (1983). The interaction of syntax and semantics during sentence processing: Eye movements in the analysis of semantically biased sentences. *Journal of Verbal Learning and Verbal Behavior*, 22, 358-374.
- Reiter, R. (1980). A logic for default reasoning. *Artificial Intelligence*, 1, 81-132.
- Rescher, N. (1968). Epistemic modality: The problem of a logical theory of belief statements. In N. Rescher (Hrsg.), *Topics in Philosophical Logic* (S. 40-53). Dordrecht: Reidel.
- Rich, E. (1987). *Artificial Intelligence*. Auckland: McGraw-Hill.
- Rich, E. (1988). *KI: Einführung und Anwendung*. Hamburg: McGraw-Hill.
- Riesbeck, C.K. & Schank, R.C. (1989). *Inside Case-Based Reasoning*. Hillsdale, NJ: Lawrence Erlbaum.
- Ritter, F.E., Nerb, J. & Kindsmüller, M.C. (1994). Steps towards a series of models for a developmental task. *Proceedings of the EuroSoar 8 Workshop*. Leiden, NL: Rijks Universiteit Leiden, 95-100.
- Ritter, H., Martinetz, T. & Schulten, K. (1991). *Neuronale Netze: Eine Einführung in die Neuroinformatik selbstorganisierter Netzwerke*. Bonn: Addison-Wesley.
- Roberts, L.G. (1965). Machine perception of three-dimensional solids. In J.T. Tippett, D.A. Berkowitz, L.C. Clapp, C.J. Koester & A. Vanderburgh (Hrsg.), *Optical and electro-optical information processing* (S. 159-197). Cambridge, MA: MIT Press.
- Robinson, J.A. (1965). A machine-oriented logic based on the resolution principle. *Journal of the ACM*, 12, 23-41.
- Robinson, J.A. (1979). *Logic: Form and Function*. New York: Elsevier North-Holland.
- Rodenhausen, T. (1995). Zum Einfluß von Wissensstrukturen in der klinischen Urteilsbildung. *Diagnostica*, 41, 21-34.
- Rojas, R. (1993). *Theorie der neuronalen Netze*. Berlin: Springer.

- Rosch, E. (1973). Natural categories. *Cognitive Psychology*, 4, 328-350.
- Rosch, E. (1975). Cognitive representations of semantic categories. *Journal of Experimental Psychology*, 104, 192-233.
- Rosenblatt, F. (1958). The perceptron: A probabilistic model for information storage and organization in the brain. *Psychological Review*, 65, 386-408.
- Ross, T.J. (1995). *Fuzzy Logic with Engineering Applications*. New York: McGraw-Hill.
- Rumelhart, D.E. & McClelland, J.L. (1986b). On learning the past tenses of English verbs. In J.L. McClelland & D.E. Rumelhart (Hrsg.), *Parallel Distributed Processing* (Bd. 2, S. 216-271). Cambridge, MA: MIT Press.
- Rumelhart, D.E. & McClelland, J.L. (1986a). *PDP - Parallel Distributed Processing. Explorations in the Microstructure of Cognition* (Bd. 1 (Foundations)). Cambridge, MA: MIT Press.
- Rumelhart, D.E. & Norman, D.A. (1981). Analogical processes in learning. In J.R. Anderson (Hrsg.), *Cognitive Skills and Their Acquisition* (S. 335-360). Hillsdale, NJ: Lawrence Erlbaum.
- Ruske, G. (1994). *Automatische Spracherkennung: Methoden der Klassifikation und Merkmalsextraktion*. München: Oldenbourg.
- Sacerdoti, E.D. (1977). *A Structure for Plans and Behavior*. New York: Elsevier.
- Schank, R.C. (1972). Conceptual Dependency: A theory of natural language understanding. *Cognitive Psychology*, 3, 552-631.
- Schank, R.C. & Abelson, R.P. (1977). *Scripts, Plans, Goals, and Understanding*. Hillsdale, NJ: Erlbaum.
- Schank, R.C. & Colby, K.M. (Hrsg.). (1973). *Computer Models of Thought and Language*. San Francisco, CA: Freeman.
- Schmalhofer, F. & Wetter, T. (1986). Kognitive Modellierung: Menschliche Wissensrepräsentation und Verarbeitungsstrategien. In K. Richter & T. Christaller (Hrsg.), *Künstliche Intelligenz: Frühjahrsschule Dassel* (S. 245-291). Berlin: Springer.
- Schmid, U. (1994a). *Erwerb rekursiver Programmieretechniken als Induktion von Konzepten und Regeln - Ein kognitionswissenschaftlicher Zugang zum Erwerb kognitiver Fertigkeiten*. Sankt Augustin: infix.
- Schmid, U. (1994b). Programmieren Lernen: Unterstützung des Erwerbs rekursiver Programmieretechniken durch Beispielfunktionen und erklärende Texte. *Kognitionswissenschaft*, 4 (1) 47-54.
- Schmid, U. & Kaup, B. (1995). Analoges Lernen beim rekursiven Programmieren. *Kognitionswissenschaft*, 5 (1) 31-40.
- Schneewind, K.A. (1977). Zum Verhältnis von Psychologie und Wissenschaftstheorie. In K.A. Schneewind (Hrsg.), *Wissenschaftstheoretische Grundlagen der Psychologie* (S. 11-26). München: UTB Reinhardt.
- Schneider, W. (1987). Connectionism: Is it a paradigm shift for psychology? *Behavior Research Methods, Instruments, & Computers*, 19, 73-83.
- Schöning, U. (1992). *Logik für Informatiker*. Mannheim: BI.
- Schöning, U. (1995). *Logik für Informatiker*. Heidelberg: Spektrum.
- Searle, J.R. (1969). *Speech Acts: An Essay in the Philosophy of Language*. Cambridge, UK: Cambridge University Press.

- Searle, J.R. (1980). Minds, brains, and programs. *The Behavioral and Brain Sciences*, 3, 417-457.
- Selbig, J. & Wysotzki, F. (1987). On the possibility of using learning methods in knowledge acquisition. In I. Plander (Hrsg.), *Proceedings of the 4th International Conference on Artificial Intelligence and Information Control Systems of Robots (Smolenice, CSFR)* (S. 449-453). Amsterdam: Elsevier.
- Selfridge, O.G. (1955). Pattern recognition in modern computers. *Proceedings of the Western Joint Computer Conference*.
- Selfridge, O.G. (1959). Pademonium: A Paradigm for Learning. *The mechanisation of thought processes*. London, UK: H.M.S.O., 513-526.
- Selfridge O.G. & Neisser, U. (1960). Pattern recognition by machine. *Scientific American*, 203(2), 60-68.
- Selz, O. (1922). *Zur Psychologie des produktiven Denkens und des Irrtums*. Bonn: Cohen.
- Shannon, C.E. (1948). A mathematical theory of communication. *The Bell System Technical Journal*, 27, 379-423.
- Shepherd, G.M. (1990). *The Synaptic Organization of the Brain*. New York: Oxford University Press.
- Shiffrin, R.M. & Schneider, W. (1977). Controlled and automatic human information processing. *Psychological Review*, 84, 127-190.
- Shortliffe, E.H. (1976). *Computer-based Medical Consultations: MYCIN*. New York: Elsevier.
- Skinner, B.F. (1951). How to teach animals. *Scientific American*, 185, 26-29.
- Skinner, B.F. (1957). *Verbal Behavior*. New York: Appleton.
- Sleeman, D. (1982). Assessing aspects of competence in basic algebra. In D. Sleeman & J.S. Brown (Hrsg.), *Intelligent Tutoring Systems* (S. 185-199). New York: Academic Press.
- Smith, E.E. & Osherson, D. (1984). Conceptual combination with prototype concepts. *Cognitive Science*, 8, 337-361.
- Smith, E.E., Shoben, E.J. & Rips, L.J. (1974). Structure and process in semantic memory: A feature model for semantic decisions. *Psychological Review*, 81, 214-241.
- Smolensky, P. (1988). On the proper treatment of connectionism. *Behavioral and Brain Sciences*, 11, 1-74.
- Spada, H., Ernst, A.M. & Ketterer, W. (1990). Klassische und operante Konditionierung. In H. Spada (Hrsg.), *Allgemeine Psychologie* (S. 323-372). Stuttgart: Huber.
- Spies, M. (1993). *Unsicheres Wissen*. Heidelberg: Spektrum.
- Steele Jr., G.L. (1990). *COMMON LISP: The Language, 2nd edition*. Bedford, MA: Digital Press.
- Sterling, L. & Shapiro, E. (1988). *PROLOG: Fortgeschrittene Programmier-techniken*. Bonn: Addison-Wesley.
- Stillings, N.A., Feinstein, M.H., Garfield, J.L., Rissland, E.L., Rosenbaum, D.A., Weisler, S.E. & Baker-Ward, L. (1987). *Cognitive Science. An Introduction*. Cambridge, MA: MIT-Press.

- Stonham, J. (1986). Practical Face recognition and verification with WISARD. In Ellis, H.D., Jeeves, M.A., Newcombe, F. & Young, A. (Hrsg.), *Aspects of face processing*. Dordrecht: Martinus Nijhoff.
- Stoyan, H. (1986). *Programmiermethoden der Künstlichen Intelligenz* (Bd. Teil 1). Berlin: Springer.
- Stoyan, H. (1991). *Programmiermethoden der Künstlichen Intelligenz* (Bd. Teil 2). Berlin: Springer.
- Strube, G. (Hrsg.). (1993). Kognition. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 303-366). Bonn: Addison-Wesley.
- Strube, G., Habel, C., Hemforth, B., Konieczny, L. & Becker, B. (1993). Kognition. In G. Görz (Hrsg.), *Einführung in die Künstliche Intelligenz* (S. 303-365). Bonn: Addison-Wesley.
- Strube, G. & Schlieder, C. (1995). Kognition und KI. *KI - Themenheft KI und Kognition*, 6/95, 8-11.
- Sugie, N. & Suwa, M. (1977). A scheme for binocular depth perception suggested by neurophysiological evidence. *Biological Cybernetics*, 26, 1-15.
- Tanimoto, S.L. (1990). *KI: Die Grundlagen*. München: Oldenbourg.
- Tarski, A. (1936). Der Wahrheitsbegriff in formalisierten Sprachen. *Studia Philosophica*, 1, 261-405.
- Tergan, S.O. (1984). *Diagnose von Wissensstrukturen* (Deutsches Institut für Fernstudien an der Universität Tübingen: Forschungsberichte), 30.
- Tulving, E. (1972). Episodic and semantic memory. In E. Tulving & W. Donaldson (Hrsg.), *Organisation of Memory* (S. 382-403). New York: Academic Press.
- Turing, A.M. (1936). On computable numbers with an application to the Entscheidungsproblem. *Proceedings of the London Mathematics Society*, 42, 230-265 (Korrekturen: 43, 544-546).
- Turing, A.M. (1950). Computing machinery and intelligence. *Mind*, 59, 433-460.
- Unger, S. & Wysotzki, F. (1981). *Lernfähige Klassifizierungssysteme*. Berlin: Akademie Verlag.
- Uszkoreit, H. (1987). Word Order and Constituent Structure in German. *CSLI Lecture Notes* 8. Stanford, CA: CSLI.
- Vera, A. & Simon, H.A. (1993). Situated action: A symbolic interpretation. *Cognitive Science*, 17, 7-48.
- von der Malsburg, C. (1973). Self-organisation of orientation sensitive cells in the striata cortex. *Kybernetik*, 14, 85-100.
- von der Malsburg, C. (1986). Frank Rosenblatt: Principles of neurodynamics, perceptrons and the theory of brain mechanisms. In G. Palm & A. Aertsen (Hrsg.), *Brain Theory*. Berlin: Springer.
- Waltz, D. (1972). *Understanding Line Drawings of Scenes with Shadows*. Ph.D. dissertation. Cambridge, MA: MIT.
- Waltz, D. (1975). Understanding Line Drawings in Scenes with Shadows. In Winston, P.H. (Hrsg.), *The Psychology of Computer Vision* (S. 19-91). New York: McGraw-Hill.
- Waterman, D.A. (1970). Generalization learning techniques for automating the learning of heuristics. *Artificial Intelligence*, 1, 121-170.

- Waterman, D.A. & Hayes-Roth, F. (Hrsg.). (1978). *Pattern-Directed Inference Systems*. New York: Academic Press.
- Wender, K.F. (1988). Semantische Netze als Bestandteil gedächtnispsychologischer Theorien. In H. Mandl & H. Spada (Hrsg.), *Wissenspsychologie* (S. 55-73). München: Psychologie Verlags Union.
- Wertheimer, M. (1912). Experimentelle Studien über das Sehen von Bewegung. *Zeitschrift für Psychologie*, 61, 161-265.
- Wertheimer, M. (1923). Untersuchungen zur Lehre von der Gestalt. *Psychologische Forschung*, 4, 301-351.
- Wessells, M.G. (1984). *Kognitive Psychologie*. New York: Harper & Row.
- Westmeyer, H. (1977). Psychologie und Wissenschaftstheorie: Einige Überlegungen aus analytischer Sicht. In K.A. Schneewind (Hrsg.), *Wissenschaftstheoretische Grundlagen der Psychologie*. München: UTB Reinhardt.
- Wiener, N. (1948). *Cybernetics or Control and Communication in the Animal and the Machine*. New York: Hermann & Cie.
- Winograd, T. (1973). A procedural model of language understanding. In R.C. Schank & K.M. Colby (Hrsg.), *Computer Models of Thought and Language*. San Francisco, CA: Freeman.
- Winograd, T. (1975). Frame representation and the declarative-procedural controversy. In D.G. Bobrow & A.M. Collins (Hrsg.), *Representation and Understanding: Studies in Cognitive Science*. New York: Academic Press.
- Winograd, T. (1983). *Language as a Cognitive Process*. Reading, Mas: Addison-Wesley.
- Winograd, T. & Flores, F. (1986). *Understanding Computers and Cognition*. Norwood, NJ: Ablex.
- Winston, P.H. (1975). Learning structural descriptions from examples. In P.H. Winston (Hrsg.), *The Psychology of Computer Vision* (S. 157-210). New York: McGraw-Hill.
- Winston, P.H. (1975). *The Psychology of Computer Vision*. Cambridge, MA: MIT Press.
- Winston, P.H. (1987). *Künstliche Intelligenz*. Bonn: Addison-Wesley.
- Winston, P.H. (1992). *Artificial Intelligence, 3rd edition*. Reading, MA: Addison-Wesley.
- Winston, P.H. & Horn, B.K. (1987). *LISP*. Bonn: Addison-Wesley.
- Wirth, N. (1983). *Algorithmen und Datenstrukturen*. Stuttgart: Teubner.
- Wittgenstein, L. (1953). *Philosophical Investigations (übersetzt von G.E.M. Anscombe)*. Oxford: Blackwell.
- Woods, W.A. (1970). Transition network grammars for natural language analysis. *Communications of the ACM*, 13 (10), 591-606.
- Woods, W.A. (1981). Procedural Semantics. In A.K. Joshy, I. Sag & B.L. Webber (Hrsg.), *Elements of Discourse Understanding* (S. 300-334). Cambridge, UK: Cambridge University Press.
- Young, R.M. & O'Shea, T. (1981). Errors in children's subtractions. *Cognitive Science*, 5, 153-177.
- Zadeh, L.A. (1965). Fuzzy sets. *Information and Control*, 8, 338-353.