BIBLIOGRAPHY

- Acharya, Anurag, Milind Tambe, and Anoop Gupta. "Implementation of Production Systems on Message-Passing Computers." <u>IEEE Transactions on Parallel and Distributed Systems</u> 3, no. 4 (July 1992): 477-487.
- American Radio Relay League (ARRL). <u>The ARRL Handbook for Radio Amateurs</u>. Seventieth Edition: Newington, CT: American Radio Relay League, 1992.
- Anway, Allen. "Running a Lime Kiln with PolyForth's EXPRESS." In Proceedings of the 1994 Rochester

 Forth Conference, by the Institute for Applied Forth Research. Rochester, NY: Institute for Applied Forth Research, 1994, 1-3.
- Apple Computer Inc. Apple Pascal Reference Manual. Cupertino, CA: Apple Computer, 1979.
- Bartel, Joe, and Marla Bartel. "Data Structures in Forth." <u>The Computer Journal</u> no. 41 (November-December 1989), 9-11.
- Bartel, Marla. "Lazy Evaluation." The Computer Journal no. 43 (March-April 1990), 26-27.
- Bell, James R. "Threaded Code." Communications of the ACM 16, no. 6 (June 1973), 370-372.
- Berg, D. "A Computer-Based Companion for Operation of the McMaster University Tandem Accelerator." M.Sc. dissertation, McMaster University, 1989.
- Bokhari, Asghar Ali. "An Investigation of a Real-Time Multitasking System for Ion Source Operation Within a Particle Accelerator." M.Sc. dissertation, McMaster University, 1993.
- Bonissone, Piero B., and Peter C. Halverson. "Time-Constrained Reasoning Under Uncertainty." The Journal of Real-Time Systems 2 (May 1990): 25-45.
- Bradley, Mitch. "Structured Data with Bit Fields." In Proceedings of the 1984 Rochester Forth
 Conference, by the Institute for Applied Forth Research. Rochester, NY: Institute for Applied Forth Research, 1984, 188-192.

- Broeders, H. M. T., P. M. Bruijn, and H. B. Verbruggen. "Real-time direct expert control using progressive reasoning." Engineering Applications of Artifical Intelligence 2, no. 2 (June 1989), 109-119.
- Brown, R. J. "Dreams." Journal of Forth Application and Research 6, no. 4 (1994), 279-314.
- Butler, Jim. "A Simple RS-485 Network." Circuit Cellar INK no. 21 (June/July 1991).
- Butler, Jim. "Embedded Controller Networking Alternatives." <u>Circuit Cellar INK</u> no. 26 (April/May 1992).
- Cairns, J. E., M. W. Greene, and J. A. Kuehner. "A Terminal Stabilizer for a Tandem Accelerator."
 Nuclear Instruments and Methods 114 (1974): 489-494.
- Castellano, M., L. Catani, G. Di Pirro, S. Guiducci, C. Milardi, P. Patteri, M. Serio, and L. Trasatti. "A

 Distributed VME Control System for the LISA Superconducting LINAC." <u>IEEE Transactions on</u>

 Nuclear Science 36, no. 5 (October 1989): 1619-1623.
- Clearwater, S., W. Cleland, F. Provost, E. Stern, and Z. Zhang. "A Real-Time Expert System for Trigger-Logic Monitoring." Nuclear Instruments and Methods in Physics Research A 293 (1990): 491-495.
- Corkill, Daniel. "Blackboard Systems." AI Expert 6, no. 9 (September 1991): 40-47.
- Coyle, Frank. "Expert Systems Ready for Real Time?" IEEE Expert 5, no. 5 (October 1990): 12.
- Crowley-Milling, Michael, and Winfried Busse. Preface to "Proceedings of the Third International

 Conference on Accelerator and Large Experimental Physics Control Systems, Berlin, Germany,

 October 18-23, 1993." Nuclear Instruments and Methods in Physics Research A 352 (1994): viii
 xi.
- Daems, G., V. Filimonov, V. Homutnikov, F. Perriollat, Yu. Ryabov, and P. Skarek. "A knowledge-based control method: application to accelerator equipment setup," Nuclear Instruments and Methods in Physics Research A 352 (1994): 325-328.

- D'Ambrosio, Bruce, Michael R. Fehling, Stephanie Forrest, Peter Raulefs, and B. Michael Wilber. "Real-Time Process Management for Materials Composition in Chemical Manufacturing." <u>IEEE Expert</u> 2, no. 7 (Summer 1987): 80-93.
- Davies, W. G. and R. E. Howard. "Program to Automatically Steer the Beam in TASCC Beam Lines."

 Excerpt from TASCC status report. Chalk River, Ontario: AECL Chalk River Laboratories,

 1993. (private communication)
- Decker, K. S., V. R. Lesser, and R. C. Whitehair. "Extending a Blackboard Architecture for Approximate Processing." The Journal of Real-Time Systems 2 (May 1990): 47-79.
- DeMooy, S., and W. F. S. Poehlman. "Using Expert Systems for Control Purposes." Proc. 3rd Symposium
 Proc. 3rd Symposium
 On Applications of Expert Systems in DND, May 2-3, 1991. Kingston, Ontario: Royal Military
 College, 1991, 17-36.
- DeMooy, Samuel. "Development Towards a Control Program for a Model KN Van de Graaff Particle Accelerator." M.Sc. dissertation, McMaster University, Hamilton, Ontario, 1991.
- Dewar, Robert B. K. "Indirect Threaded Code." <u>Communications of the ACM</u> 18, no. 6 (June 1975), 330-331.
- Dodhiawala, Rajendra, Vasudevan Jagannathan, Larry Baum, and Tom Skillman. "The First Workshop on Blackboard Systems." AI Magazine 10, no. 1 (Spring 1989): 77-80.
- Dress, W. B. "REAL-OPS: A Real-Time Engineering Applications Language for Writing Expert Systems." Journal of Forth Application and Research 4, no. 2 (1986): 113-124.
- Elder, R. Bruce. "Linking C and PDC Prolog," AI Expert 8, no. 4 (April 1993): 30.
- Englemore, R. S., A. J. Morgan, and H. P. Nii. Introduction to <u>Blackboard Systems</u>, ed. Robert S. Englemore and Anthony Morgan, 1-22. Reading, MA: Addison-Wesley, 1988.
- Forgy, Charles L. "Rete: A Fast Algorithm for the Many Pattern/Many Object Pattern Match Problem."

 <u>Artificial Intelligence</u> 19 (1982): 17-37.

- Francis, J. C., and R. R. Leitch. "Intelligent Knowledge-Based Process Control." In <u>Control 85</u>, vol. 2. London: Institution of Electrical Engineers, conference publication #252, 1985, 483-488.
- Gabbay, Dov M., Ian Hodkinson, and Mark Reynolds. <u>Temporal Logic: Mathematical Foundations and</u>
 Computational Aspects. Oxford: Oxford University Press, 1994.
- Galton, Antony, ed. Temporal Logics and Their Applications. London: Academic Press, 1987.
- Garland, W. J., W. F. S. Poehlman, N. Solntseff, J. Hoskins, and L. Williams. "Intelligent real-time system management: towards an operator companion for nuclear power plants." Engineering Computations 6, no. 2 (June 1989): 97-115.
- Green, Peter E. "AF: A Framework for Real-Time Distributed Cooperative Problem Solving." In Distributed Artificial Intelligence, ed. Michael N. Huhns, 153-175. London: Pitman, 1987.
- Greiner, B. F. and D. J. Caswell. "Evaluation of a Commercial System for CAMAC-based Control of the Chalk River Laboratories Tandem-Accelerator Superconducting-Cyclotron Complex." IEEE
 Transactions on Nuclear Science 39, no. 2 (April 1992): 210-214.
- Goldstein, David. "The Distributed AI Toolkit." AI Expert 9, no. 1 (January 1994): 34-37.
- Gurd, D. P., and M. Crowley-Milling, eds. Preface to "Proceedings of the International Conference on Accelerator and Large Experimental Physics Control Systems, Vancouver, British Columbia,
 Canada, October 3 November 3, 1989." Nuclear Instruments and Methods in Physics Research
 A 293 (1990): vii-xii.
- Hamilton, Jennifer. "A Model for Implementing an Object-Oriented Design without Language Extensions." <u>ACM SIGPLAN Notices</u> 31, no. 1 (January 1996), 36-43.
- Hayes-Roth, Barbara. "Architectural Foundations for Real-Time Performance in Intelligent Agents." <u>The</u>

 Journal of Real-Time Systems 2 (May 1990): 99-125.
- Hentdlass, Tim. "Embedded Node Collectives." In 1991 FORML Conference Proceedings, by the Forth Interest Group. Oakland, CA: Forth Interest Group, 1991, 77-82.
- Hewlett-Packard Corporation. Optoelectronics Designer's Catalog. Palo Alto: Hewlett-Packard, 1985.

- Hwang, Kai, and Fayé A. Briggs. <u>Computer Architecture and Parallel Processing</u>. New York: McGraw-Hill, 1984.
- High Voltage Engineering Corporation. HVI-593 Instruction Manual: Model FN Tandem Van de Graaff

 Accelerator. High Voltage Engineering Corporation, 1968.
- Institute of Electrical and Electronics Engineers (IEEE). Token Ring Access Method and Physical Layer

 Specifications. IEEE Standards for Local Area Networks, ANSI/IEEE Standard 802.5-1985.

 New York: IEEE, 1985.
- Institute of Electrical and Electronics Engineers (IEEE). Standard for Boot (Initialization Configuration)

 Firmware: Core Requirements and Practices. IEEE Standard 1275-1994. New York: IEEE,

 1994.
- Intel Corporation. "8272, 8273-4, 8273-8 Programmable HDLC/SDLC Protocol Controller." Chap. in Intel Component Data Catalog. Santa Clara: Intel, 1981.
- Ionescu, Dan, and Ioan Trif. "A hierarchical expert system for computer process control." Engineering

 Applications of Artificial Intelligence 1, no. 4 (December 1988): 286-302.
- Johnson, Harold E Jr., and Pieor P. Bonissone. "Expert System for Diesel Electric Locomotive Repair."

 Journal of Forth Application and Research 1, no. 1 (September 1993): 7-15.
- Jones, Vincent C. MAP/TOP Networking. New York: McGraw-Hill, 1988.
- Kannan, R., and W. H. Dodrill. "DAIS: A Distributed AI Programming Shell." IEEE Expert 5, no. 6 (December 1990): 34-42.
- Keitel, R., and L. Wilson. "TICS Control System Software for the TISOL Facility at TRIUMF." <u>IEEE</u>

 Transactions on Nuclear Science NS-34, no. 4 (August 1987): 849-852.
- Kim, Tag Gon, and Bernard P. Zeigler. "AIDECS: An AI-Based, Distributed Environmental Control

 System for Self-Sustaining Habitats." <u>Artificial Intelligence in Engineering</u> 5, no. 1 (1990): 33
 42.

- Kogge, Peter M. "An Architectural Trial to Threaded-Code Systems." <u>IEEE Computer</u> 15, no. 3 (March 1982), 22-32.
- Koopman, Philip J. Jr. <u>An Architecture for Combinator Graph Reduction</u>. San Diego: Academic Press, 1990.
- Kosko, Bart. Fuzzy Engineering. Upper Saddle River, NJ: Prentice-Hall, 1997.
- Kumar, B. P. Ajith, J. Kannaiyan, P. Sugathan, and R. K. Bhowmik. "The NSC 16 MV tandem accelerator control system," <u>Nuclear Instruments and Methods in Physics Research</u> A 343 (1994): 327-330.
- Laffey, Thomas J., Preston A. Cox, James L. Schmidt, Simon M. Kao, and Jackson Y. Read. "Real Time Knowledge-Based Systems." AI Magazine 9, no. 1 (Spring 1988): 27-45.
- Lager, Darrel L., Hal R. Brand, William J. Maurer, Fred Coffield, and Frank Chambers. "MAESTRO A Model and Expert System Tuning Resource for Operators." <u>Nuclear Instruments and Methods in</u>
 Physics Research A 293 (1990): 480-485.
- Larner, Daniel L. "A Distributed, Operating System Based, Blackboard Architecture for Real-Time

 Control." In <u>The Third International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Charleston, South Carolina, July 15-18, 1990</u>, by the Association for Computing Machinery. New York: ACM, 1990, 99-108.
- Laycak, John F. "Computer Control for a Particle Beam Accelerator." <u>IEEE Transactions on Nuclear Science</u> 36, no. 5 (October 1989): 1616-1618.
- Lesser, Victor R., and Daniel D. Corkill. "The Distributed Vehicle Monitoring Testbed: A Tool for Investigating Distributed Problem Solving Networks." In <u>Blackboard Systems</u>, ed. Robert S. Englemore and Anthony Morgan, 353-386. Reading, MA: Addison-Wesley, 1988.
- Lesser, Victor R., Jasmina Pavlin, and Edmund Durfee. "Approximate Processing in Real-Time Problem Solving." AI Magazine 9, no. 1 (Spring 1988), 49-61.
- Lesser, Victor. "Guest Editor Introduction." The Journal of Real-Time Systems 2 (May 1990): 5-6.

- Lewis, Steven M. "Tokenized Rule Based System." <u>Journal of Forth Application and Research</u> 4, no. 1 (1986): 29-45.
- Lind, P. C., W. F. S. Poehlman, and J. W. Stark. "Implementation Considerations for PACES: the KN3000 Particle Accelerator Control Expert System." In <u>Proc. Third Symposium on Expert</u> <u>Systems in the Dept. of National Defence, May 2-3, 1991</u>. Kingston, Ontario: Royal Military College, 1991, 17-36.
- Lind, P. C., and W. F. S. Poehlman. "Design of an Expert System-based Real-time Control System for a

 Van de Graaff Particle Accelerator." In Proc. AIENG '92: Applications of Artificial Intelligence

 in Engineering, July 14-17, 1992, edited by D. E. Grierson, G. Rzevski, and R. A. Adey. New

 York: Elsevier, 1992.
- Lind, P. C., W. F. S. Poehlman, and J. W. Stark. "The KN-3000 Particle Accelerator Control Expert System (PACES)." <u>IEEE Transactions on Nuclear Science</u> 40, no. 6 (December 1993): 2030-2036.
- Lind, Peter C., and W. F. S. Poehlman. "Artificial Intelligence-Based Control of a Particle Accelerator's

 Analyzing Magnet." In Proc. Sixth Symposium on Expert Systems in the Dept. of National
 Defence, May 5-6, 1994. Kingston, Ontario: Royal Military College, 1994.
- Lingarkar, Ravi. "Automation of the Low-energy Steerers for the FN Tandem Accelerator." M.Sc. dissertation, McMaster University, Hamilton, Ontario, 1988.
- Lutz, J. R., and J. C. Marsaudon. "Modern tandem control systems," <u>Nuclear Instruments and Methods in Physics Research</u> A 352 (1994): 113-125.
- Matheus, Christopher J. "The Internals of FORPS: A FORth-based Production System." <u>Journal of Forth</u>
 Application and Research 4, no. 1 (1986): 7-27.
- McKay, John, C. E. L. Gingell, and John Baris. "Control of Tandem Accelerator Systems Using a Personal Computer." In Personnel, November 3-6, 1986. Teaneck, NJ: World Scientific Pub. Co., 1986, 245-258.

- Mercaldo, Matt. "Fuzzilogy 101." The Computer Journal no. 55 (May-June 1992): 3-5.
- Morgenstern, Leonard. "YAOOP: 'Yet Another' Object-Oriented Program in Forth." In 1990 FORML

 Conference Proceedings, by the Forth Interest Group. San Jose, CA: Forth Interest Group, 1990, 78-88.
- Morizet-Mahoudeaux, Pierre. "On-Board and Real-Time Expert Control." <u>IEEE Expert</u> 11, no. 4 (August 1996): 71-81.
- Motorola Corporation. "Applications of the MOC3011 Triac Driver." Application Note AN-780A.

 Phoenix, Arizona: Motorola, 1982.
- Motorola Corporation. "MC6854 Advanced Data-Link Controller." Chap. in Motorola 8-Bit

 Microprocessor and Peripheral Data. Austin, Texas: Motorola, 1983.
- Motorola Corporation. "Fuzzy Logic and Embedded Control." Application note. Phoenix, Arizona: Motorola, 1992.
- Munakata, Toshinori, and Yashvant Jani. "Fuzzy Systems: An Overview." Communications of the ACM 37, no. 3 (March 1994): 69-76.
- Murphy, Thomas. "AI Apprentice: Speaking in Tongues," AI Expert 8, no. 4 (April 1993): 13-16.
- Naito, Norio, Akira Sakuma, Kei Shigeno, and Nobuyuki Mori. "A Real-Time Expert System for Nuclear Power Plant Failure Diagnosis and Operational Guide." Nuclear Technology 79 (December 1987): 284-296.
- Nökel, K., and H. Lamberti. "Temporally Distributed Systems in a Diagnostic Application." <u>Artificial Intelligence in Engineering</u> 6, no. 4 (1991): 196-204.
- Ostroff, Jonathan S. <u>Temporal Logic for Real-Time Systems</u>. Taunton, Somerset, England: Research Studies Press Ltd., 1989.
- Park, Jack. "Toward the Development of a Real-Time Expert System." <u>Journal of Forth Application and</u>
 Research 4, no. 2 (1986): 133-154.

- Pelc, Stephen. "PROCIC A Process Computer for Computationally Intensive Control," in Proceedings of the 1992 Rochester Forth Conference, by the Institute for Applied Forth Research. Rochester, NY: Institute for Applied Forth Research, 1992, 69-70.
- Perkins, W. A., and A. Austin. "Adding Temporal Reasoning to Expert-System-Building Environments." IEEE Expert 5, no. 1 (February 1990): 23-30.
- Perreard, S., and E. Wildner. "Conditioning of high voltage radio frequency cavities by using fuzzy logic in connection with rule based programming," Nuclear Instruments and Methods in Physics
 Research A 352 (1994): 336-338.
- Poehlman, W. F. S., R. J. Pollock, and R. A. McNaught. "Multi-Processor Control of the 100 KeV McMaster Mark IV Sputter Ion Source." <u>IEEE Transactions on Nuclear Science</u> 32, no. 5 (October 1985): 2083-2085.
- Poehlman, W. F. S., and J. W. Stark. "Integrating Knowledge-Based Systems into Operations at the McMaster University FN Tandem Accelerator Laboratory." <u>IEEE Transactions on Nuclear Science 36</u>, no. 5 (October 1989): 1494-1498.
- Poehlman, W. F. S., Wm. Garland, and J. Stark. "Design Principles Employed in Aid of Real-time Expert Control Systems Development." In Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Sept. 20-21, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth Artifical Intelligence Symposium, Proc. Fourth
- Pollock, Robert J. "Computer Controlled Ion Injection Source Subsystem." M.Eng. dissertation, McMaster University, 1985.
- Possnert, G., I. Carlsson, and G. Widman. "The EN tandem van de Graaff accelerator." In <u>TSL Progress</u>

 <u>Report, July 1987 December 1991</u>, by The Svedberg Laboratory. Uppsala, Sweden: The

 Svedberg Laboratory, 1992, 47-48.
- Pountain, Dick. Object-Oriented Forth. London: Academic Press, 1989.

- Rather, Elizabeth. "EXPRESS: A Forth-based Process Control Software Product." In Proceedings of the
 1993 Rochester Forth Conference, by the Institute for Applied Forth Research. Rochester, NY:

 Institute for Applied Forth Research, 1993, 87-91.
- Redington, Dana. "A Forth Oriented Real-Time Expert System for Sleep Staging: a FORTES Polysomnographer." Journal of Forth Application and Research 4, no. 1 (1986): 47-56.
- Reynolds, Dave. "MUSE: A Toolkit for Embedded, Real-time AI." In <u>Blackboard Systems</u>, ed. Robert S. Englemore and Anthony Morgan, 519-532. Reading, MA: Addison-Wesley, 1988.
- Rodriguez, Bradford J. "PatternForth: A Pattern-Matching Language for Real-Time Control." M.S. dissertation, Bradley University, Peoria, Illinois, 1989.
- Rodriguez, Bradford J. "A BNF Parser in Forth." <u>ACM SIGForth Newsletter</u> 2, no. 2 (December 1990): 13-18.
- Rodriguez, Bradford J., and W. F. S. Poehlman. "A Survey of Object-Oriented Forths." <u>ACM SIGPLAN</u>
 Notices 31, no. 4 (April 1996): 39-42.
- Rosen, Evan. "High Speed, Low Memory Consumption Structures," in <u>Proceedings of the 1982 FORML</u>

 Conference, by the Forth Interest Group. San Carlos, CA: Forth Interest Group, 1982, 191-196.
- Sammut, Claude, and Donald Michie. "Controlling a Black-Box Simulation of a Spacecraft." <u>AI</u>

 Magazine 12, no. 1 (Spring 1991): 56-63.
- Sanderson, Dean, and Adam Shackleford. "A Diagnostic Expert System in polyForth." In <u>Proceedings of</u>
 <a href="https://doi.org/10.1001/j.com/proceedings-of-2016/j.com/proceed
- Sedgewick, Robert. Algorithms. Reading, MA: Addison-Wesley, 1983.
- Schultz, David E., and Pamela A. Brown. "The Development of an Expert System to Tune a Beam Line."

 Nuclear Instruments and Methods in Physics Research A 293 (1990): 486-490.
- Siddall, James N. Expert Systems for Engineers. New York: Marcel Dekker, 1990.

- Sibigtroth, James M. "Creating Fuzzy Micros." Embedded Systems Programming 4, no. 12 (December 1991): 20-34.
- Skapura, David M. "A Faster Embedded Inference Engine." AI Expert 4, no. 11 (November 1989): 42-49.
- Sperry, Tyler. "Gaining a Fuzzy Perspective." <u>Embedded Systems Programming</u> 6, no 1 (January 1993): 24-28.
- Stark, J. W., and W. F. S. Poehlman. "Introduction to the Operation of the McMaster FN Tandem Using a Knowledge-Based Real-Time System." In Personnel, October 24-27, 1988. Teaneck, NJ: World Scientific Pub. Co., 1988, 119-129.
- Stark, J. W., W. F. S. Poehlman, T. Cousins, F. G. Strain, and P. C. Lind. "Development of a Knowledge-based Control System for a Model KN Van de Graaff Accelerator." In Proc. XXVth Symposium
 of North Eastern Accelerator Personnel, Oct. 24-28, 1991. Teaneck, NJ: World Scientific Pub.
 Co., 1992, 85-90.
- Strole, Norman C. "The IBM Token-Ring Network -- A Functional Overview." <u>IEEE Network</u> 1, no. 1 (January 1987): 23-30.
- Suzuki, Junzo, Naomichi Sueda, Yasuo Gotoh, and Akimoto Kamiya. "Plant Control Expert System

 Coping with Unforeseen Events -- Model-based Reasoning Using Fuzzy Qualitative Reasoning."

 In The Third International Conference on Industrial and Engineering Applications of Artificial

 Intelligence and Expert Systems, Charleston, South Carolina, July 15-18, 1990, by the

 Association for Computing Machinery. New York: ACM, 1990, 431-439.
- Tam, Patrick Wai Zee. "A Knowledge-Based Operator's Companion for the FN Tandem Accelerator."M.Sc. dissertation, McMaster University, 1989.
- Tanenbaum, Andrew S. Computer Networks. Englewood Cliffs, NJ: Prentice-Hall, 1989.
- Tanenbaum, Andrew S. Distributed Operating Systems. Englewood Cliffs, NJ: Prentice-Hall, 1995.
- Tétreault, Mario, Bernard Marcos, and Jean Lapointe. "Temporal duration reasoning in qualitative simulation." Artificial Intelligence in Engineering 7 (1992): 185-197.

- Townsend, Carl, and Dennis Feucht. <u>Designing and Programming Personal Expert Systems</u>. Blue Ridge Summit, PA: Tab Books, 1986.
- Valenzano, A., C. Demartini, and L. Ciminiera. MAP and TOP Communications: Standards and Applications. Wokingham, England: Addison-Wesley, 1992.
- van Liempd, Gidi, Hugo Velthuijsen, and Adriana Florescu. "Blondie-III." <u>IEEE Expert</u> 5, no. 4 (August 1990): 48-55.
- Weehuizen, H. F., R. K. Fisch, E. J. S. Franklin, M. E. Hogan, I. H. Kohler, J. P. Rogers, and P. J.

 Theron. "A Distributed Control System for the NAC Cyclotrons." <u>IEEE Transactions on Nuclear</u>

 Science 39, no. 2 (April 1992): 205-209.
- Wong, J. X. "Low Energy Steerer Control System for the FN Tandem Accelerator." M.Sc. dissertation, McMaster University, 1986.
- Wong, J., and W. F. S. Poehlman. "Computer Automated Low Energy Steering Control for Dynamic Optimization of Ion Beam Intensity." In Personnel, November 3-6, 1986. Teaneck, NJ: World Scientific Pub. Co., 1986, 231-244.
- Wright, M. Lattimer, Milton W. Green, Gudrun Fiegl, and Perry F. Cross. "An Expert System for Real-Time Control." IEEE Software 3, no. 2 (March 1986): 16-24.
- Zanconato, Roberto. "BLOBS An Object-Oriented Blackboard System Framework for Reasoning in Time." In <u>Blackboard Systems</u>, ed. Robert S. Englemore and Anthony Morgan, 335-345.
 Reading, MA: Addison-Wesley, 1988.
- Zhang, Bing, and Edward Grant. "Experiments in Adaptive Rule-Based Control." In The Third
 International Conference on Industrial and Engineering Applications of Artificial Intelligence
 and Expert Systems, Charleston, South Carolina, July 15-18, 1990, by the Association for
 Computing Machinery. New York: ACM, 1990, 563-568.
- Zilog Corporation. "Z8530 SCC Serial Communications Controller." Chap. in Zilog 1981 Data Book.

 Cupertino, CA: Zilog, 1981.

- Zsoter, Andras. "An Assembly Programmer's Approach to Object-Oriented Forth." <u>Forth Dimensions</u> 16, no. 6 (March-April 1995): 11-17.
- Zsoter, Andras. "Does Late Binding Have To Be Slow?" <u>Forth Dimensions</u> 18, no. 1 (May-June 1996): 31-35.