

papers

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- [K.Ohmori. "An Internet Accounting System – A large scale software development using model driven architecture", 7th International Conference on Enterprise Information System \(ICEIS 2005\), Miami USA \(May 2005\) 407-410](#)
- [K. Ohmori. "Introduction of Master of Business Information Technology at Hossei Business School of Innivation Management" Journal of Information Processing and Management \(Jan. 2005\) 698-702 \(in Japanese\)](#)
- [D.Horinoue and K.Ohmori. "An Internet Accounting System-Development Using Model Driven Architecture " IEICE OIS report \(Nov. 2004\) 77-84 \(in Japanese\)](#)
- [H.Noguchi and K.Ohmori. "Multiple-Partitioning of A Weighted-Graph using GA " Transaction of IPSJ, 44,09 \(Sep. 2003\) 2382-2389 \(in Japanese\)](#)
- [K.Ohmori. "An Internet Accounting System " International Conference on Computational Intelligence and Multimedia Applications \(ICCIMA'03 \), Xian China \(2003\) 278-283](#)
- [W. Li and K.Ohmori. "Hierarchical Visualization of 3-Dimensional Objects Using Cellular Structured Spaces", Workshop on ITS and Image Processing, Sapporo Japan \(2002\) \(in Japanese\)](#)
- H. Hanaizumi and K.Ohmori. "Three Dimensional Thinning Algorithm and Its Application" JAMIT Frontier 2002, Beppu Japan (2002) (in Japanese)
- K. Narimatsu, S.Takatani and K.Ohmori. "A Multi-Element Tonometry Sensor For Noninvasive Measurement of Pulse Wave Velocity", The International Journal of the Japan Society of Medical Electronics and Biological Engineering, (2001)
- [K. Ohmori and T. L. Kunii. "Shape Modeling Using Homotopy" Shape Modeling International '2001 \(May\), Genoa Italy \(2001\) 126-133](#)
- K.Narimatsu, S. Takatani, H. Kanai and K. Ohmori. "Accuracy of Multi-Element Tonometry Sensor-Based Noninvasive PWV Measurement System as Evaluated in Animal Model" Journal of the Japan Society of Medical Eletronics and Biological Engineering, Vol.39 No.3 (2001) 30-36(in Japanese)
- [H. Hanaizumi, K.Ohmori and T. Nakagawa. "Three Dimensional Thinning Algorithm and Its Application to Lung Cancer" JAMIT Frontier 2001, Okinawa Japan \(2000\) \(in Japanese\)](#)
- [K.Ohmori and T. L. Kunii "A Homotopy Model for Cup Lifting" Computer Graphics International '2000 \(June\), Geneva Swiss \(2000\) 117-125](#)
- K. Ohmori. "High-Level Synthesis Using A Genetic Algorithm." Electronics and Communications in Japan. Vol. 83 No. 4 (2000)24-32 SCRIPTA TECHNICA

- [K.Ohmori. "Logic Design By Homotopy" 8th International Symposium on IC Technology, Systems and Application \(ISIC'99\), Singapole, \(1999\) 335-338](#)
- [H.Cho and K. Ohmori. "An On Line Character Recognition Using Multiple Neural Networks." International ICSC/IFAC Symposium on Neural Computation NC'98, Vienna Austria \(1998\) 240-246](#)
- [K. Ohmori. "High-Level Synthesis Using A Genetic Algorithm." Transaction of IEICE, J81-A-5 \(1998\) 854-862\(in Japanese\)](#)
- [H.Cho and K. Ohmori. "An On Line Character Recognition Approach Using The Structural Property of Hangul." Transaction of IEICE, J81-D-II,4 \(1998\) 744-751\(in Japanese\)](#)
- [H. Cho and K. Ohmori. "On-line Cursive Style Hangul Character Recognition Using Multiple Neural Networks and a State Transition Graph " International Conference on Computational Intelligence and Multimedia Applications \(ICCIMA'98 \), Churchill, Australia, \(1998\) 270-275.](#)
- [K. Ohmori and T.Kasai. "Logic Synthesis Using Genetic Algorithms " IEEE International Conference on Intelligent Processing System \(ICIPS'97\), Beijing, China, \(1997\)137-142.](#)
- [K. Ohmori and T.Kasai. "Logic Synthesis Using Genetic Algorithms " 7th International Symposium on IC Technology, Systems and Application \(ISIC'97\), Singapole, \(1997\) 200-203.](#)
- T. Kasai, K. Ohmori and Y. Ohtsuka. "Logic Synthesis Using A Genetic Algorithm " Design Automation Symposium '97. (July 1997) (in Japanese) 273-278.
- [K. Ohmori. "VLSI Design Using Genetic Algorithms " Australasia Pacific Forum on Intelligent Processing and Manufactureing of Materials \(IPMM'97 \), Gold Coast, Australia, \(1997\).](#)
- [K. Ohmori, P. Eklund and J. Daalder. "Simultaneous Scheduling and Allocation in Higt-Level Synthesis Using A Genetic Algorithm " International Conference on Computer Aided Design \(CADEX'96 \), Hagenberg, Austria, \(Sep 1996\) 118-127.](#)
- S. Kouzai, K. Ohmori and T. Kasai. "Simultaneous Scheduling and Allocation in High-Level Synthesis Using A Genetic Algorithm " Design Automation Symposium '96. (Aug 1996) (in Japanese)
- J.Daalder, P. Eklund and K. Ohmori. "High-Level Synthesis Optimisation using Genetic Algorithms " 4th Pacific Rim International Conference on Artificial Intelligence (PRICAI'96), Cairns, Australia, 1996. {Lecture Notes in Artificial Intelligence 1114, Springer, (1996) 276-287.}
- [K. Ohmori. "High-Level Synthesis Using Genetic Algorithm." International Conference on Evolutionary Computing, Perth, Australia, \(Nov 1995\) 209-213.](#)

- K. Ohmori. "An object oriented computational model for handwritten document recognition." Computer Architecture for Machine Perception (CAMP'95), Como, Italy, (Sep 1995) 172-176.
- H. Sambe and K. Ohmori. "Post processing for character recognition by using candidate supplementation based in linguistic information." Transaction of IPSJ. 36,4 (Apr. 1995) 840-848 (in Japanese)
- K. Oyama and K. Ohmori. "An LSI function synthesis system with a decision supporting system for its specification." DA Symposium '94. (Aug. 1994) 31-36 (in Japanese)
- K. Ohmori. "An object oriented model for off-line handwritten Kanji character recognition." The 4th European-Japanese Seminar on Information Modeling and Knowledge Bases. (June. 1994) {Information Modelling and Knowledge Base IV, IOS Press, (1994) 427-436.}
- K. Ohmori. "Workstations and personal computers." System, Control and Information. 38,4 (Apr. 1994) 185-192 (in Japanese)
- K. Ohmori. "Object oriented system III." PIXEL (Jan. 1994) 134-138 (in Japanese)
- K. Ohmori. "Computing environment for logistics." Factory automation. Vol11. No12 (Dec. 1993) 19-23 (in Japanese)
- K. Ohmori. "Object oriented system II." PIXEL (Dec. 1993) 130-135 (in Japanese)
- K. Ohmori. "Object oriented system I." PIXEL. (Nov. 1993) 129-133 (in Japanese)
- H. Sambe and K. Ohmori. "Correction of erroneously recognized handwritten characters from low reliable recognition system by using linguistic information." Transaction of IPSJ. 34,10 (Nov. 1993) 2117-2124 (in Japanese)
- M. Iwanaga and K. Ohmori. "Performance evaluation system of a program by analyzing its dynamic behavior." IPSJ report. 93,59 (July 1993) 43-50 (in Japanese)
- [K. Ohmori. "On line handwriting Kanji character recognition using hypothesis generation in the space of hierarchical knowledge." Third International Workshop on Frontiers in handwriting Recognition \(1993\) 242-251](#)
- K. Yosizawa and K. Ohmori. "An assistant system for lead frame progressive die design." Manufacturing. 34,387 (April 1993) 369-375 (in Japanese)
- Y. Haruki and K. Ohmori. "Kanji character recognition by hypothesis generation." Transaction of IEICE. J76-D-II,1 (1993) 65-73 (in Japanese)
- K. Ohmori. "How to use electric mail." Nikkei Mechanical. (Jan. 26, 1992) 94-101. (in Japanese)
- K. Ohmori. "How to use another workstation using network." Nikkei Mechanical. (Jan. 11, 1992) 94-101. (in Japanese)

- K. Ohmori. "How to draw pictures on a campus with GUI." *Nikkei Mechanical*. (Oct. 21, 1992) 132-139. (in Japanese)
- K. Ohmori. "Representation ability of workstation with RISC and UNIX." *Nikkei Mechanical*. (Oct. 5, 1992) 92-98. (in Japanese)
- K. Ohmori. "How to make your account." *Nikkei Mechanical*. (Sep. 21, 1992) 98-104. (in Japanese)
- K. Ohmori. "How to use workstations with GUI." *Nikkei Mechanical*. (Sep. 7, 1992) 98-106. (in Japanese)
- K. Ohmori. "Environments around Workstations." *CAD*. 42 (Sep. 1992) 17-21. (in Japanese)
- K. Narimatsu and K. Ohmori. "An algorithm for tonometric absolute blood pressure measurement." *Computer in Cardiology* (1992) 157
- K. Oyama and K. Ohmori. "The design of a image processor for lead frame outline test." *Image understanding symposium*. (Sep. 1992) 119-126 (in Japanese)
- H. Kawakatu, Y. Haruki and K. Ohmori. "Kanji character recognition by using hypothesis generation." *Image understanding symposium*. (Sep. 1992) 239-246 (in Japanese)
- H. Sambe and K. Ohmori. "Kanji character recognition by using linguistic information." *Image understanding symposium*. (Sep. 1992) 231-238 (in Japanese)
- K. Ohmori. "Future trends of workstation technology." *Rubber industry*. No28 (April 1992) 13-17 (in Japanese)
- K. Ohmori. "Workstations." *PIXEL* No115 (April 1992) 29-35 (in Japanese)
- K. Ohmori. "Computer evolution." *CAD&SIM*. No31 (Nov. 1991) 10-14 (in Japanese)
- K. Ohmori and Y. Haruki. "On line handwritten Kanji character recognition using hypothesis generation in the space of hierarchical knowledge." *International Conf. on Tools for Artificial Intelligence*. (1991) 510
- K. Ohmori and Y. Haruki. "On line character recognition by hypothesis generation." *Transaction of IEICE*. J74-D-I,2 (Feb. 1991) 130-136 (in Japanese)
- K. Ohmori and K. Yoshizawa. "Design automation of a progressive die set for lead frames using AI techniques." *1990 Pacific Conf. on Manufacturing*, 1990. 608-615
- K. Ohmori. "On parallel processing of on line character recognition by hypothesis generation." *IEICE report*. CPSY90-56 (1990) 109-114 (in Japanese)
- Y. Haruki and K. Ohmori. "On line character recognition by using hypothesis generation." *IEICE report*. AI90-46/PRU90-40 (1990) 85-92 (in Japanese)
- K. Ohmori. "On line cursive character recognition by using a heuristic stroke matching

- method." Transaction of IPSJ. 31,5 (1990) 710-720 (in Japanese)
- K. Ohmori. "On line character recognition by fuzzy inference." Precision machine report. 4,2 (Sep. 1989) 1-10 (in Japanese)
 - K. Ohmori. "On line cursive character recognition by fuzzy inference." IEICE report. AI89-40/PRU89-29 (1989) 15-22 (in Japanese)
 - K. Ohmori. "On line handwriting character recognition by fuzzy inference." Transaction of IEICE. J72-D-II,3 (1989) 369-379 (in Japanese)
 - K. Ohmori. "An automatic design by using an expert system." Applied machine technology. 30,2 (Feb. 1989) 117-123 (in Japanese)
 - K. Yosizawa and K. Ohmori. "An automatic design system for a lead frame die system." Graphics and CAD symposium. (1988) (in Japanese)
 - K. Ohmori. "A mathematical method for cutting line decision of die design." Graphics and CAD symposium. (1988) 143-152 (in Japanese)
 - K. Ohmori. "Distributed computing and parallel processing." Spectrum. 1,8 (Aug.1988) 79-90 (in Japanese)
 - K. Ohmori. "On line handwriting Kanji character recognition by using fuzzy inference." IEICE report. PRU88-43 (1988) 29-36 (in Japanese)
 - J. Suzuki and K. Ohmori. "An error-testing machine." Computer Architecture Symposium. (1988) 47-54 (in Japanese)
 - K. Ohmori. "Engineering workstation technology." Journal of IEICE. 71,3 (March 1988) 270-277 (in Japanese)
 - S. Takasaki, T. Sasaki, N. Nomizu, N. Koike and K. Ohmori. "Block level hardware simulation machine." IEEE Trans. CAD6,1 (Jan. 1987) 46-54
 - K. Ohmori and N. Koike. "The hardware algorithm of logic simulation machines." Journal of IPSJ. 26,6 (June 1985) 668-678 (in Japanese)
 - N. Koike, K. Ohmori and T. Sasaki. "HAL: a high speed logic simulation machine." IEEE Design & Test. 2,6 (Oct. 1985) 61-73
 - N. Koike, K. Ohmori, T. Sasaki and N. Nomizu. "The hardware architecture of high speed logic simulation machine HAL." Computer architecture workshop in Japan.(1984) 3-10 (in Japanese)
 - N. Nomizu, T. Sasaki, O. Itoh, T. Tanaka, N. Koike and K. Ohmori. "Block level hardware simulator - its application and results." ICCAD-84, (1984) 254-256
 - S. Nakajima, K. Ohmori and T. Horita. "Monju: Constraint keeping object oriented language." COMPCON'84 (1984) 232-239
 - K. Ohmori and N. Koike. "CAD oriented machines." Journal of IPSJ. 25,10 (Sep.1984)

1144-1152 (in Japanese)

- N. Koike, K. Ohmori and T. Sasaki. "The hardware configuration of a logic simulation machine." Transaction of IPSJ. 25,9 (Sep. 1984) 873-881 (in Japanese)
- N. Koike, K. Ohmori and T. Sasaki. "The architecture of a logic simulation machine." Transaction of IPSJ. 25,9 (Sep. 1984) 864-872 (in Japanese)
- K. Ohmori, N. Koike and T. Sasaki. "A high speed logic simulator." IPSJ report.18-2 (1983) 1-10 (in Japanese)
- T. Sasaki, N. Koike, K. Ohmori and K. Tomita. "HAL: A block level hardware logic simulator." 20th DA Conf. (1983) 150-156
- N. Koike, K. Ohmori, H. Kondo and T. Sasaki. "A high speed logic simulation machine." COMPCON Spring 1983. 446-451
- K. Ohmori, N. Koike and T. Sasaki. "On dynamic gate array." IEICE report. EC82-42 (1982) 35-42 (in Japanese)
- K. Ohmori. "Virtual machine realization of a multi processor system." Transaction of IEICE. J65-D,1 (Jan. 1982) 88-95 (in Japanese)
- N. Koike, K. Ohmori, T. Yamazaki and H. Kondo. "The performance evaluation of multi processor system MICS-MS." IEICE report. EC81-64 (1981) 67-78 (in Japanese)
- K. Ohmori, N. Koike and H. Kondo. "On a fault tolerant time-sharing system of a multi processor system." IEICE report. EC81-11 (1981) 9-18 (in Japanese)
- H. Kondo, K. Ohmori and N. Koike. "A proposal to computer architecture constructed by a specialized processing set." IEICE report. EC81-7 (1981) 1-10 (in Japanese)
- K. Ohmori, N. Koike, T. Yamazaki, T. Ohmiya and H. Kondo. "A distributed virtual machine on a tightly coupled multiprocessor." COMPCON Fall, 1980.43-49
- K. Ohmori. "On process synchronization in distributed computer system." IEICE report. EC80-25 (1980) 1-8 (in Japanese)
- N. Koike, K. Ohmori, T. Yamazaki, T. Ohmiya and H. Kondo. "Hardware architecture of multi processor system MISC-MS." IEICE report. EC79-22 (1979) 53-62 (in Japanese)
- K. Ohmori, N. Koike. T. Yamazaki and T. Ohmiya. "The architecture and configuration of virtual machine complex MICS-II." Transaction of IPSJ. 20,3 (May 1979) 235-242 (in Japanese)
- K. Ohmori, N. Koike. T. Yamazaki and T. Ohmiya. "System evaluation of virtual machine complex MICS-II." Transaction of IPSJ. 20,2 (March 1979) 130-137(in Japanese)
- K. Ohmori, N. Koike and T. Yamazaki, T. Ohmiya and K. Nezu. "System management of MICS-II -- a virtual machine complex." UJCC. (1978) 425-429

- K. Ohmori, N. Koike, N. Yamazaki, T. Ohmiya and K. Nezu. "MICS-II a virtual machine complex controlled by dedicated microprocessors." COMPCON Spring, 1978. 256-260
- K. Ohmori, N. Koike, T. Yamazaki and T. Ohmiya. "Parallel processing by using a multi processor system MICS-II." IPSJ report. 77-64 (1978) 47-58 (in Japanese)
- T. Yamazaki, K. Ohmori, N. Koike and T. Ohmiya. "System control of multi processor system MICS-II." IPSJ report. 76-75 (1977) 35-44 (in Japanese)
- K. Ohmori, N. Koike and T. Ohmiya. "Multi processor system MICS." IPSJ report. 75-8 (1975) 1-10 (in Japanese)
- K. Ohmori. "Analysis of error behavior of asynchronous sequential circuits." Transaction of IEICE. 58-D,4 (April 1975) 185-191 (in Japanese)
- N. Koike and K. Ohmori. "A control system for a multi-micro processor." IEICE report. EC74-11. (1974) (in Japanese)
- K. Ohmori, N. Koike, K. Nezu and S. Suzuki. "MICS a multimicroprocessor System." Proc. IFIP Conf., 1974. 98-102.
- K. Ohmori, S. Naito, T. Nanya and K. Nezu. "An application of cellular logic for high speed decoding of minimum redundancy code." Proc. AFIPS Fall Jt. Computer Conf., 1972. 345-351
- K. Ohmori. "A hidden line elimination algorithm for polyhedrons." Transaction of IPSJ. 12,9 (Sep. 1971) 534-542 (in Japanese)
- K. Nezu and K. Ohmori. "A data compression method of Kanji patterns." IEICE report. EC70-11. (1971) 1-13 (in Japanese)