

Curriculum Vitae

Kenji ITOH

Professor of Industrial Engineering and Management,
Graduate School of Decision Science and Technology,
Tokyo Institute of Technology, Tokyo, Japan

Affiliation

Department of Industrial Engineering and Management,
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Personal Information

Marital Status: Married/wife Kazuko(B.S. in Education)
Children/Yuri(born 1983), Saki(born 1985), Hiroki(born 1987)
Current Place: 20-32-6102 Sakura-Namiki, Tsuzuki-ku, Yokohama 224-0046, Japan
Date of Birth: March 7, 1956
Place of Birth: Tokyo, Japan
Citizenship: Japanese

Academic Degrees

Ph.D. Doctor of Engineering, Department of Industrial Engineering and Management,
Tokyo Institute of Technology, March 1989. Thesis: “A Study on Characteristics of
Human Information Processing and Their Applications to Human-Computer Interface
Design”(Advisor: Prof. M. Akiba)

B.S. in Industrial Engineering and Management, Faculty of Engineering, Tokyo Institute of
Technology, 1979, Tokyo, Japan.

Employment Record

Visiting Professor, Department of Management Engineering, Technical University of Denmark, Risø Campus, Roskilde, Denmark (5/1/2008 – 9/30/2008).

Head, Department of Industrial Engineering and Management, Graduate School of Decision Science and Technology, Tokyo Institute of Technology, Tokyo, Japan (4/1/2006 – 3/31/2008).

Professor, Department of Industrial Engineering and Management, Graduate School of Decision Science and Technology, Tokyo Institute of Technology, Tokyo, Japan (5/11/1996 – present).

Visiting Researcher, Risø National Laboratory, Roskilde, Denmark (3/1/1994 – 12/31/1994).

Associate Professor, Department of Industrial and Systems Engineering, Faculty of Engineering, Tokyo Institute of Technology, Tokyo, Japan (11/1/1991 – 5/10/1996).

Assistant Professor, Department of Industrial Engineering and Management, Faculty of Engineering, Tokyo Institute of Technology, Tokyo, Japan (10/1/1983 – 10/31/1991).

Systems Engineer, Hitachi, Co., Ltd., Hitachi, Ibaraki, Japan (4/1/1979 – 9/30/1983).

Scientific & Professional Societies

Member, Japan Industrial Management Association
Member, Japan Ergonomics Research Society
Member, Japanese Cognitive Science Society
Member, The Japanese Society for Quality Control
Member, Human Factors and Ergonomics Society (USA)
Member, The Japanese Society on Hospital Management

Professional Activities

Member, Programme Committee of the Eye Tracking Research & Applications Symposium 2010, Austin, TX, March 2010.

Member, Technical Program Board for Cognitive Ergonomics, the 3rd International Conference on Applied Human Factors and Ergonomics (AHFE), Miami, Florida, July 2010.

Reviewing Member for Grant-in-Aid for Scientific Research, Japan Society for the Promotion of Science, 2008 – present.

Member, Programme Board of the Engineering Psychology and Cognitive Ergonomics for the 13th International Conference on Human-Computer Interaction, San Diego, CA, July 2009.

Member, Programme Committee of the Eye Tracking Research & Applications Symposium 2008, Savannah, GA, March 2008.

Member, IEA (International Ergonomics Association) Human Reliability Technical Committee, 2006 – present.

Member, IEA (International Ergonomics Association) Steering Committee for the HEPS (Healthcare Ergonomics and Patient Safety) Conferences, 2006 – present.

Reviewing Member (for Engineering Departments), University Establishing Council, the Japanese Ministry of Education, Culture, Sports, Science and Technology, 2006 – 2007.

Member, Advisory Board of the 2nd International Conference on Applied Ergonomics, Las Vegas, NV, July 2008.

Member, Programme Board of the Engineering Psychology and Cognitive Ergonomics for the 12th International Conference on Human-Computer Interaction, Beijing, China, July 2007.

Member, Programme Committee of the Eye Tracking Research & Applications Symposium 2006, San Diego, CA, March 2006.

Member, International Board of the Sixth International Conference on Engineering Psychology and Cognitive Ergonomics, Las Vegas, USA, July 2005.

Member, Ergonomics Education Subcommittee, Professional Standards and Education Standing Committee, International Ergonomics Association, 2004 – present.

Member, Reviewing Committee of Science Research Fund, Japan Science and Promotion Society, 2004 – 2004.

Member, Editorial Board of the International Journal of Cognition, Technology & Work, 2002 – present.

Member, Working Group of Reviewing Committee of Funding, Japan Science and Technology Agency, 2004 – 2004.

Member, International Programme Committee of the 22nd European Annual Conference on Human Decision Making and Control, Linköping, Sweden, June 2003.

Member, Program Board of the Engineering Psychology and Cognitive Ergonomics Track, the 10th International Conference on Human-Computer Interaction, Crete, Greece, June 2003.

Member, International Board of the Fourth International Conference on Engineering Psychology and Cognitive Ergonomics, New Orleans, August 2001.

Member, Editorial Board of Handbook of Cognitive Task Design, Lawrence Erlbaum, 2000 – 2003.

Member, A Millennium Project on System Development for Diagnosing Employee's Working Competence in IT-based Environment, The Association of Employment Development for Senior Citizens, The Japanese Ministry of Labour, 2000 – 2002.

Reviewer, Committee on Total Productivity Awards, Japan Management Association, 1999 – 2003.

Member, Committee on Education and Qualification of Professional Engineers in Industrial Engineering, Japan Industrial Management Association, 1999 – 2000.

Member, Council of Kanto District Chapter, Japan Ergonomics Research Society, 1998 – 2002.

Head, Systems Operation and Safety Group, Scientific Committee of Leading Researches on Evaluation Technologies of Human Cognitive Behaviour, Research Institute of Human Engineering for Quality Life, 1997 – 1998.

Head, The 4th technical committee of FA (Factory Automation) department, The Japan Society of Mechanical Engineers, 1997 – 1998.

Member, Steering Committee of Qualification (The 2nd Examination), Japan Association of Professional Engineers, 1996 – 1999.

Member, Editorial Board of International Journal of Cognitive Ergonomics, 1996 – 2001.

Member, Editorial Board of Japanese Journal of Ergonomics, 1995 – present.

Member, Steering Committee of Qualification (The 1st Examination), Japan Association of Professional Engineers, 1995 – 1996.

Head, Committee on Association Activities, Japan Industrial Management Association, 1995 – 1997.

Member, Steering Committee of Qualification (The 1st Examination), Japan Association of Professional Engineers, 1992 – 1994.

Member, Committee on Membership, Japan Industrial Management Association, 1989 – 1993.

Member, Committee on Research Facilitation, Japan Industrial Management Association, 1989 – 1993.

Secretariat, Working Group on Investigation of Business Companies' Needs to the Research Society, Japan Industrial Management Association, 1988.

Secretariat, Research Group on Management Expert System, Japan Industrial Management Association, 1987 – 1990.

Member, Editorial Board of Journal of Japan Industrial Management Association, 1985 – 1993.

Member, Council of Japan Ergonomics Research Society, 1989 – 1992, 1998 – present.

Member, Council of Japan Industrial Management Association, 1989 – 1991, 2000 – present.

Teaching Record

1. Courses taught in the Department of Industrial Engineering and Management, Tokyo Institute of Technology, Tokyo, Japan
 - Industrial Engineering (Undergraduate, 1984 – present)
 - Seminar of Foreign Literature in Industrial Engineering and Management (Undergraduate, 1984 – present)
 - Quality Control (Undergraduate, 1991 – 1995)
 - Human-Machine Interaction (Graduate, 1992 – 2003)
 - Modeling and Simulation (Undergraduate, 1992 – 1994)
 - Ergonomics (Undergraduate, 1993 – present)
 - Industrial Management (Undergraduate, 1993 – 2001)
 - Ergonomics for Organization and Systems Design (Graduate, 2004 – present)
2. Course taught in the Health Allied Graduate School, Tokyo Medical and Dental University, Tokyo, Japan
 - Nursing Administration (Undergraduate, 2002 – 2005; One week)
 - Advanced Course of Nursing Administration (Graduate, 2002 – present; One week)
3. Course taught in the Master of Medical Administration, Tokyo Medical and Dental University, Tokyo, Japan
 - Risk Management (Graduate, 2005 – present; The second half part)
4. Course taught in the Department of Policy Studies, Iwate Prefectural University, Iwate, Japan
 - Production Management (Undergraduate, 2000 – 2006)
5. Course taught in the Department of Project Management, Chiba Institute of Technology, Chiba, Japan
 - Production Management and Engineering (Undergraduate, 1998 – 2000)
6. Courses taught in the Department of Industrial Engineering, Science University of Tokyo, Tokyo, Japan
 - Work Study (Undergraduate, 1993 – 1994)

- Production Control (Undergraduate, 1993 – 1994)
7. Course taught in the Faculty of Economics, Meiji Gakuin University, Tokyo, Japan
- Introduction to Information Processing and Computer Programming (Undergraduate, 1988–1992)

Publications: Refereed Journals

1. Kenji Itoh, Natsue Omata and Henning Boje Andersen: A Human Error Taxonomy for Analysing Healthcare Incident Reports: Assessing Reporting Culture and Its Effects on Safety Performance, *Journal of Risk Research*, Vol.**12**, No.**3–4**, pp.485–511, 2009.
2. Hirotaka Aoki, John Paulin Hansen and Kenji Itoh: Learning Gaze Typing: What Are the Obstacles and What Progress to Expect?, *Universal Access in the Information Society*, Vol.**6**, No.**4**, 2009 (to appear).
3. Satoshi Suzuki, Kenji Itoh, Ken Ito, Naoki Kimata, Michio Mineshima and Takashi Akiba: Factor Structure for Puncture Skills in Hemodialysis, *Journal of the Japanese Society for Dialysis Therapy*, Vol.**41**, No.**12**, pp.827–835, 2008 (in Japanese).
4. Hirotaka Aoki, John Paulin Hansen and Kenji Itoh: Learning to Interact with a Computer by Gaze, *Behaviour and Information Technology*, Vol.**27**, No.**4**, pp.339–344, 2008.
5. Hirotaka Aoki, Kenji Itoh and Masayuki Kinoshita: Influence of Styling elements in Printed Advertisements on Consumers' Visual Attention, *Japanese Journal of Ergonomics*, Vol.**44**, No.**1**, pp.22–36, 2008 (in Japanese).
6. Kenji Itoh, Henning Boje Andersen, Marlene Dyrlov Madsen, Doris Østergaard and Masaaki Ikeno: Patient Views of Adverse Events: Comparisons of Self-reported Healthcare Staff Attitudes with Disclosure of Accident Information, *Applied Ergonomics*, Vol.**37**, pp.513–523, 2006.
7. Hirotaka Aoki, Kenji Itoh and John Paulin Hansen: Analysis of Learning Processes in Gaze Interface for Typing Japanese Texts, *Japanese Journal of Ergonomics*, Vol.**41**, No.**6**, pp.345–358, 2005 (in Japanese).
8. Hirotaka Aoki, Kenji Itoh and John Paulin Hansen: Evaluation of Learnability of Gaze Interface for Typing Japanese Texts, *Japanese Journal of Ergonomics*, Vol.**41**, No.**2**, pp.65–76, 2005 (in Japanese).
9. Kenji Itoh, Henning Boje Andersen and Masaki Seki: Track Maintenance Train Operators' Attitudes to Job, Organisation and Management and Their Correlation with Accident/Incident Rate, *Cognition, Technology & Work*, Vol.**6**, No.**2**, pp.63–78, 2004.

10. Hirotaka Aoki and Kenji Itoh: Analysis Method of Television Commercials Viewing Processes Based on Viewers' Intentions Estimated by Eye Movement Data, *Japanese Journal of Ergonomics*, Vol.**40**, No.**1**, pp.21–38, 2004 (in Japanese).
11. Hidenori Shinno, Hitoshi Hashizume, Hayato Yoshioka and Kenji Itoh: Product Development Methodology for Machine Tools: Usability Analysis of Man-Machine Interface, *JSME International Journal, Series C*, Vol.**45**, No.**3**, pp.815–820, 2002.
12. Hirotaka Aoki and Kenji Itoh: Analysis of Effect of Television Commercials on Information Acquisition Quantity and Strategy in Reading Printed Advertisements, *Journal of Japan Industrial Management Association*, Vol.**53**, No.**5**, pp.397–409, 2002 (in Japanese).
13. Hirotaka Aoki and Kenji Itoh: Analysis of Viewer's Perceived Information from Television Commercials by Use of Eye-tracking Data Combined with Auditory Information, *Japanese Journal of Ergonomics*, Vol.**38**, No.**1**, pp.8–21, 2002 (in Japanese).
14. Hirotaka Aoki and Kenji Itoh: Analysis of Cognitive Processes during Viewing of Television Commercials Based on Semantic Structure of Scenes and Eye-Movement Data, *Journal of Japan Industrial Management Association*, Vol.**52**, No.**2**, pp.101–116, 2001 (in Japanese).
15. Toshinori Yamaguchi and Kenji Itoh: Application of Cognitive Simulation Approach to Risk Analysis for Ship Navigation, *Japanese Journal of Human Factors/Ergonomics*, Vol.**37**, No.**2**, pp.85–99, 2001 (in Japanese).
16. Hidenori Shinno, Hitoshi Hashizume, Hayato Yoshioka and Kenji Itoh: Product Development Methodology for Machine Tools: Usability Analysis of Man-Machine Interface, *Transactions of the Japan Society of Mechanical Engineers (Part C)*, Vol.**67**, No.**654**, pp.275–282, 2001 (in Japanese).
17. Kenji Itoh, Toshinori Yamaguchi, John Paulin Hansen and Finn R. Nielsen: Risk Analysis of Ship Navigation by Use of Cognitive Simulation, *Cognition, Technology & Work*, Vol.**3**, pp.4–21, 2001.
18. Hirotaka Aoki and Kenji Itoh: Cognitive Attitudes to Television Commercials Based on Eye-tracking Analysis Combined with Scenario Description, *Japanese Journal of Ergonomics*, Vol.**36**, No.**5**, pp.239–253, 2000 (in Japanese).
19. Toshinori Yamaguchi and Kenji Itoh: Cognitive Simulation of a Ship Navigator's Behaviour in Dynamic Manoeuvring Situation, *Japanese Journal of Human Factors/Ergonomics*, Vol. **36**, No.**3**, pp.119–130, 2000 (in Japanese).
20. Kenji Itoh: A Cognitive Modelling Scheme for Task Analysis and Its Application to Computer Editing Task, *International Journal of Cognitive Ergonomics*, Vol.**2**, No.**3**, pp.269–295, 1998.
21. Kenji Itoh, John Paulin Hansen and Finn R. Nielsen: A Cognitive Modeling of a Ship Navigator Based on Protocol and Eye-Movement Analysis, *Le Travail Humain*, Vol.**61**, No.**2**, pp.99–127, 1998.

22. Kenji Itoh: Adaptation to Change in the Work Environment for Senior White Collar Employees, *Arbete & Hälsa*, Vol.**2**, pp.186–192, 1997.
23. Hiroshi Shibazaki, Takao Enkawa and Kenji Itoh: Effects of Visual and Tactile Feedback on Fine Positioning Tasks, *The Japanese Journal of Ergonomics*, Vol.**32**, No.**3**, pp.139–148, 1996 (in Japanese).
24. Hiroyuki Umemuro, Takao Enkawa and Kenji Itoh: A Study on Period Length for Dynamic Evaluation of Learning Speed Changes, *Journal of Japan Industrial Management Association*, Vol. **46**, No.**5**, pp.503–510, 1995 (in Japanese).
25. Takao Enkawa, Kenji Itoh, Tetsuo Kasahara and Da Chen: A Multi-Period Vehicle Routing Problem Minimizing the Inventory with No Shortage and Its Algorithm, *Journal of Japan Industrial Management Association*, Vol. **46**, No.**5**, pp.492–502, 1995 (in Japanese).
26. Seyed Hessameddin Zegordi, Kenji Itoh and Takao Enkawa: Minimizing Makespan for Flow Shop Scheduling by Combining Simulated Annealing with Sequencing Knowledge, *European Journal of Operational Research*, Vol.**85**, pp.515–531, 1995.
27. Seyed Hessameddin Zegordi, Kenji Itoh and Takao Enkawa: A Knowledgeable Simulated Annealing Scheme for the Early/Tardy Flow Shop Scheduling Problem, *International Journal of Production Research*, Vol.**33**, No.**5**, pp.1449–1466, 1995.
28. Seyed Hessameddin Zegordi, Kenji Itoh, Takao Enkawa and Shih Li Chung: Simulated Annealing Scheme Incorporating Move Desirability Table for Solution of Facility Layout Problems, *Journal of the Operations Research Society of Japan*, Vol.**38**, No.**1**, pp.1–20, 1995.
29. Kenji Itoh and Takao Enkawa: A Model for Evaluating Senior Citizens Employment and Its Application to Factory Workers, *Journal of Japan Industrial Management Association*, Vol.**45**, No.**6**, pp.528–538, 1995 (in Japanese).
30. Kenji Itoh, Dongming Huang and Takao Enkawa: Twofold Look-Ahead Search for Multi-Criterion Job Shop Scheduling, *International Journal of Production Research*, Vol.**31**, No.**9**, pp.2215–2234, 1993.
31. De-bi Tsao, Takao Enkawa and Kenji Itoh: Methods for Determination of Retaining Stock Quantity in a Two-Phased Push Control System, *Journal of Japan Industrial Management Association*, Vol.**43**, No.**6**, pp.431–438, 1993 (in Japanese).
32. Li Chung Shih, Takao Enkawa and Kenji Itoh: An AI-Search Based Layout Planning Method, *International Journal of Production Research*, Vol.**30**, No.**12**, pp.2839–2855, 1992.
33. Kenji Itoh, Dongming Huang and Takao Enkawa: Twofold Look-Ahead Search and Its Application to Job Shop Scheduling, *Journal of Japan Industrial Management Association*, Vol.**42**, No.**5**, pp.373–381, 1991 (in Japanese).

34. Ken Saito, Shih Li Chung, Takao Enkawa and Kenji Itoh: Facility Layout Planning Methods Based on Filtered Beam Search, *Journal of Japan Industrial Management Association*, Vol.**42**, No.**2**, pp.118–125, 1991 (in Japanese).
35. Kenji Itoh, Minako Ishizuka, Kazuhisa Harada, Shih Li Chung and Takao Enkawa: A Scheduling System for Berth Assignments Based on a Hierarchical Constraint-Directed Search, *Journal of Japanese Society for Artificial Intelligence*, Vol.**6**, No.**1**, pp.60–71, 1991 (in Japanese).
36. Cai-Xia Qian, Kenji Itoh, Takao Enkawa and Masao Akiba: Display Factors on Human Problem Solving Performance for Human-Computer Cooperative Problem, *The Japanese Journal of Ergonomics*, Vol.**26**, No.**5**, pp.233–242, 1990 (in Japanese).
37. Cai-Xia Qian, Takao Enkawa, Masao Akiba, Kenji Itoh and Cheolho Yoon: Monitoring of Human Knowledge Acquisition by Eye-Movement Protocol, *The Japanese Journal of Ergonomics*, Vol.**25**, No.**2**, pp.117–127, 1989 (in Japanese).
38. Kenji Itoh, Takao Enkawa and Masao Akiba: A Measurement Method for General Fatigue Based on Attenuation of Channel Capacity in Visually Cognitive Works, *The Japanese Journal of Ergonomics*, Vol.**25**, No.**2**, pp.87–100, 1989 (in Japanese).
39. Kenji Itoh: An Application Method of a Visual Recognition Model to Design of Computerized Menu Retrieval Systems, *The Japanese Journal of Ergonomics*, Vol.**24**, No.**5**, pp.319–330, 1988 (in Japanese).
40. Kenji Itoh, Takao Enkawa and Masao Akiba: Effects of Context and Clearness of Displayed Information in Visual Recognition Process, *The Japanese Journal of Ergonomics*, Vol.**24**, No.**5**, pp.291–301, 1988 (in Japanese).
41. Kenji Itoh: A Visual Recognition Model for Design of Displayed Information in Human-Computer Interface, *The Japanese Journal of Ergonomics*, Vol.**24**, No.**3**, pp.177–187, 1988 (in Japanese).
42. Kenji Itoh, Takao Enkawa and Masao Akiba: Human Visual Information Processing for Dotted Letters on CRT, *Japanese Journal of Human Factors/ Ergonomics*, accepted in 1987.
43. Kenji Itoh, Takao Enkawa and Masao Akiba: Characteristics on Recognition Process for Dotted Character Patterns on CRT Displays, *The Japanese Journal of Ergonomics*, Vol.**23**, No.**5**, pp.333–343, 1987 (in Japanese).
44. Cheolho Yoon, Masao Akiba Takao Enkawa and Kenji Itoh: Types of VDT Tasks and Their Effects on Physiological and Psychological Reactions, *Journal of Japan Industrial Management Association*, Vol.**38**, No.**2**, pp.132–138, 1987 (in Japanese).
45. Kenji Itoh: Common Factors on Extraction of Visual Features in Letter Recognition, *The Japanese Journal of Ergonomics*, Vol.**23**, No.**3**, pp.145–154, 1987 (in Japanese).
46. Kenji Itoh and Takao Enkawa: Recognition Process for Parafoveal Visual Stimuli in Visual Information Processing, *Journal of Japan Industrial Management Association*, Vol.**38**, No.**1**, pp.12–19, 1987 (in Japanese).

In Preparation (Refereed Journals)

1. Kenji Itoh and Henning Boje Andersen: Safety Climate Dimensions in Healthcare and Their Correlations with Error Reporting Behaviours, *Safety Science*, 2009.
2. Xiuzhu Gu and Kenji Itoh: A pilot study on healthcare safety climate and error reporting behavior in China, *International Journal for Quality in Health Care*, 2009.
3. Kenji Itoh, Henning Boje Andersen and Marlene Dyrlov Madsen: Underlying Factors for Not Reporting Adverse Events: Cross-National Comparisons of Healthcare Staff Views, *International Journal for Quality in Health Care*, 2006.

Publications: Invited Papers

1. Kenji Itoh: Human Factors Approach to Healthcare Risk Management: Towards Patient-Centered Management and Well-Established Safety Culture (Part II), *Journal of Medical Safety*, Vol.3, No.2, pp.104–111, 2007 (in Japanese).
2. Kenji Itoh: Human Factors Approach to Healthcare Risk Management: Towards Patient-Centered Management and Well-Established Safety Culture (Part I), *Journal of Medical Safety*, Vol.3, No.1, pp.3–11, 2007 (in Japanese).
3. Kenji Itoh: Establishing Appropriate Safety Culture in Healthcare, *Journal of Therapeutics and Engineering*, Vol.19, No.1, pp.50–54, 2007 (in Japanese).
4. Kenji Itoh and Yasuko Tomizawa: Session Report by Chair “Design Concepts of Medical Devices Aiming at Safety and Operability”, *The Japanese Journal of Artificial Organs*, Vol.35, No.1, pp.85–87, 2006 (in Japanese).
5. Kenji Itoh: Risk Management in Healthcare System from Engineering Perspectives (3): Expectation to Error Management of Nursing Activities, *Nursing Management*, Vol.13, No.7, pp.557–564, 2003 (in Japanese).
6. Kenji Itoh: Risk Management in Healthcare System from Engineering Perspectives (2): Safety Culture in Medical Domain, *Nursing Management*, Vol.13, No.6, pp.469–475, 2003 (in Japanese).
7. Kenji Itoh: Job Redesign for White Collar Employees Applying Industrial Engineering, *IE Review*, Vol.44, No.2, pp.38–43, 2003 (in Japanese).
8. Kenji Itoh: Risk Management in Healthcare System from Engineering Perspectives (1): Ergonomic Approach and Its Risk Management, *Nursing Management*, Vol.13, No.5, pp.365–370, 2003 (in Japanese).
9. Kenji Itoh: Production Management, *Year’s Book of Mechanical Engineering*, Transactions of the Japan Society of Mechanical Engineers (Part C), Vol.64, No.624, pp.2807–2808, 1998 (in Japanese).

10. Kenji Itoh: State of the Art in Production Management, *Year's Book of Mechanical Engineering*, Communication of the Japan Society of Mechanical Engineers, Vol.**101**, No.**957**, pp.616–616, 1998 (in Japanese).
11. Takao Enkawa and Kenji Itoh: White Collar Productivity and Counter-Measures for Senior Citizens, *Rousei Jihou*, Vol.**579**, pp.16–19, 1996 October (in Japanese).
12. Kenji Itoh: What I Have Learned in Denmark, *Management System*, Vol.**5**, No.**1**, pp.66–68, 1995 (in Japanese).
13. Kenji Itoh and Takao Enkawa: An Investigation on Competence Improvement and Training for Senior Citizens, *Elder*, Vol.**16**, No.**6**, pp.9–36, 1994 June (in Japanese).
14. Kenji Itoh: Problems and Perspectives on Employment of Senior Citizens from the Viewpoints of Managerial Costs and Their Competence, *Elder*, Vol.**16**, No.**2**, pp.22–32, 1994 February (in Japanese).
15. Kenji Itoh: Cognitive Modeling as an Approach to Mental Workload, *The Japanese Journal of Ergonomics*, Vol.**29**, No.**6**, pp.357–363, 1993 (in Japanese).
16. Takao Enkawa and Kenji Itoh: New Technology and Human Being: State of the Art and Perspective, *Journal of Japan Industrial Management Association*, Vol.**41**, No.**4B**, pp.B169–B173, 1990 (in Japanese).
17. Kenji Itoh: Artificial Intelligence Approach toward Production Control, *Communications of the Operations Research Society of Japan*, Vol.**35**, No.**6**, pp.338–344, 1990 (in Japanese).
18. Kenji Itoh: Search Techniques and Their Applications to Production Control Problems, *Journal of Japan Industrial Management Association*, Vol.**40**, No.**6B**, pp.B88–B97, 1990 (in Japanese).
19. Kenji Itoh: Expectation toward Artificial Intelligence Approach to Ill-Structured Problem, *Journal of Japan Industrial Management Association*, Vol.**40**, No.**6B**, pp.B62–B71, 1990 (in Japanese).

Publications: Books

1. Kenji Itoh, Sonoko Kuwano and Akinori Komatsubara (editors): *Handbook of Human Factors*, Asakura Publishing, Tokyo, 2003 (in Japanese).
2. Kenji Itoh: *Human Factors in High-tech and Mature Society*, Japanese Union of Scientific Engineer's Press, Tokyo, 1997 (in Japanese).
3. Takao Enkawa and Kenji Itoh: *Production Management and Its Methods*, Asakura Publishing, Tokyo, 1996 (in Japanese).
4. Masao Akiba, Toshiyuki Adachi, Yasuhiko Matsuda, Shin Suzuki and Kenji Itoh: *How to Collect and Summarize Manufacturing Information*, Zeimu-Keiri Kyokai, Tokyo, 1989 (in Japanese).

Publications: Chapters in Books

1. Marlene Dyrlov Madsen, Henning Boje Andersen and Kenji Itoh: Assessing Safety Culture in Healthcare, In P. Carayon, (Ed.), *Handbook of Human Factors and Ergonomics in Healthcare and Patient Safety*, pp.693–713, Lawrence Erlbaum Associates, Mahwah, NJ, 2006.
2. Kenji Itoh, Henning Boje Andersen and Marlene Dyrlov Madsen: Safety Culture in Healthcare, In P. Carayon, (Ed.), *Handbook of Human Factors and Ergonomics in Healthcare and Patient Safety*, pp.199–216, Lawrence Erlbaum Associates, Mahwah, NJ, 2006.
3. Kenji Itoh: Human Errors and Human Factors, In T. Abe and T. Yamaguchi (Eds.), *Health Care Management*, pp.199–207, Nouvelle-Hirokawa, Tokyo, Japan, 2003 (in Japanese).
4. Kenji Itoh (Translation): Computer Supported Cooperative Work, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.619–636, 2003 (Translated into Japanese from P. H. Carstensen and K. Schmidt, *Computer Supported Cooperative Work*).
5. Kenji Itoh (Translation): Employment of Disabled People and Their Working Conditions, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.604–618, 2003 (Translated into Japanese from K. Brzokoupil, *Employment of Disabled People and Their Working Conditions*).
6. Kenji Itoh: Work Design for Senior Employees, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.594–603, 2003 (in Japanese).
7. Kenji Itoh: Work Design for White Collar, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.582–593, 2003 (in Japanese).
8. Kenji Itoh (Translation): Eye-Gaze Interaction, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.445–455, 2003 (Translated into Japanese from T. Engell-Nielsen, A. J. Glenstrup and J. P. Hansen, *Eye-Gaze Interaction*).
9. Kenji Itoh (Translation): Interface as Experience: The Art and Science of Psycho-Ergonomics, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.419–444, 2003 (Translated into Japanese from C. Pearce, *Interface as Experience: The Art and Science of Psycho-Ergonomics*).
10. Kenji Itoh: Human-Machine Systems and Interfaces, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.378–384, 2003 (in Japanese).

11. Kenji Itoh (Translation): Data Acquisition and Analysis for Cognitive Processes, In K. Itoh, A. Komatsubara and S. Kuwano (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.335–349, 2003 (Translated into Japanese from J. P. Hansen, G. Hauland and H. B. Andersen, *Data Acquisition and Analysis for Cognitive Processes*).
12. Kenji Itoh: How to Perform Ergonomic Experiment, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.322–334, 2003 (in Japanese).
13. Kenji Itoh (Translation): Design Rationale, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.305–320, 2003 (Translated into Japanese from S. A. Papantonopoulos, *Design Rationale*).
14. Kenji Itoh (Translation): Applying Artificial Intelligence (AI) to Ergonomic Models, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.256–271, 2003 (Translated into Japanese from E. Hollnagel, *Applying Artificial Intelligence (AI) to Ergonomic Models*).
15. Kenji Itoh (Translation): Discrete Movements, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.246–255, 2003 (Translated into Japanese from J. M. Flach and M. A. Guisinger, *Discrete Movements*).
16. Kenji Itoh (Translation): Task Analysis, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.218–233, 2003 (Translated into Japanese from B. Kirwan, *Task Analysis*).
17. Kenji Itoh: Human Errors and Safety Analysis, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.160–194, 2003 (in Japanese).
18. Kenji Itoh and Yoshinori Horie: Information Sources on Ergonomics, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.22–30, 2003 (in Japanese).
19. Kenji Itoh: Overview of Ergonomics, In K. Itoh, S. Kuwano and A. Komatsubara (Eds.), *Handbook of Human Factors*, Asakura Publishing, Tokyo, pp.2–10, 2003 (in Japanese).
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