

REFERENCES

- AAMODT, A. and PLAZA, E. (1994) Case-Based Reasoning: Foundational Issues, Methodological Variations, and System Approaches. *Artificial Intelligence Communications*, 7 (1), 39-59.
- ABBASI, B. (2008) A neural network applied to estimate process capability of non-normal processes. *Expert Systems with Applications*, In Press, Corrected Proof.
- ABDULLAH, F. (2003). *Lean Manufacturing Tools and Techniques in The Process Industry with a Focus on Steel*. PhD. University of Pittsburgh.
- ABDULMALEK, F. A. and RAJGOPAL, J. (2007) Analyzing the benefits of lean manufacturing and value stream mapping via simulation: A process sector case study. *International Journal of Production Economics*, 107 (1), 223-236.
- ACHANGA, P., SHEHAB, E., ROY, R. and NELDER, G. (2006) Critical success factors for lean implementation within SMEs. *Journal of Manufacturing Technology Management*, 17 (4), 460-471.
- AGHAZADEH, S.-M. (2003) MRP contributes to a company's profitability. *Assembly Automation*, 23 (3).
- AGUILAR-LASSERRE, A. A., BAUTISTA BAUTISTA, M. A., PONSICH, A. and GONZALEZ HUERTA, M. A. (2008) An AHP-based decision-making tool for the solution of multiproduct batch plant design problem under imprecise demand. *Computers & Operations Research*, In Press, Corrected Proof.
- AHMAD, A. (2003a) Langkah kontigensi industri kereta. Massa.
- AHMAD, A. (2003b) Sekilas fakta mengenai industri kereta dunia. Massa.
- AKAO, Y. and MAZUR, G. H. (2003) The leading edge in QFD: past, present and future. *International Journal of Quality & Reliability Management*, 20 (1), 20 - 35.
- AKYOL, D. E. and BAYHAN, G. M. (2007) A review on evolution of production scheduling with neural networks. *Computers & Industrial Engineering*, 53 (1), 95-122.
- AM (2002) *AM for Windows*. 9.0 ed., Intelligent Environments Inc.
- AMASAKA, K. (2002) "New JIT": A new management technology principle at Toyota. *International Journal of Production Economics*, 80 (2), 135-144.
- ANONYMOUS (2003) *Quality Function Deployment: Market Driven Product and Service Innovation*. Available from <http://www.productmanager.co.uk/>
- ANONYMOUS (2003) What's in store for the motor sector? . (09/01/2006). Available from http://www.theledgedaily.com/cms/content.jsp?id=com.tms.cms.article.Article_19365
- ANONYMOUS (2008) *Artificial Neural Networks - A neural network tutorial*. [cited 25 October 2008]. Available from <http://www.learnartificialneuralnetworks.com/>.
- ANTONY, J. and ANTONY, F. J. (2001) Teaching the Taguchi method to industrial engineers. *Work Study*, 50 (4), 141-149.
- ANTONY, J., BALBONTIN, A. and TANER, T. (2000) Key ingredients for the effective implementation of statistical process control. *Work Study*, 49 (6), 242 - 247.

- AWAD, E. M. (1996) Building expert systems: principles, procedures, and applications. St. Paul, Minn.: West Pub. Company.
- BABBAR, S. and ASPELIN, D. J. (1994) TQM? It's as Easy as ABC. The TQM Magazine, 6 (3).
- BAINES, T., LIGHTFOOT, H., WILLIAMS, G. M. and GREENOUGH, R. (2006) State-of-the-art in lean design engineering: a literature review on white collar lean. Proceedings of the Institution of Mechanical Engineers Part B-Journal of Engineering Manufacture, 220 (9), 1539-1547.
- BANK, J. (2000) The Essence of Total Quality Management. Harlow: Prentice Hall.
- BELECHEANU, R., PAWAR, K. S., BARSON, R. J., BREDEHORST, B. and WEBER, F. (2003) The application of case based reasoning to decision support in new product development. Integrated Manufacturing Systems, 14 (1), 36-45.
- BENAVIDES, J. A. C. and PRADO, J. C. (2002) Creating an expert system for detailed scheduling. International Journal of Operations & Production Management, 22 (7), 806-819.
- BHASIN, S. and BURCHER, P. (2006) Lean viewed as a philosophy. Journal of Manufacturing Technology Management, 17 (1), 56-72.
- BONFATTI, M., CARIDI, M. and SCHIAVINA, L. (2006) A fuzzy model for load-oriented manufacturing control. International Journal of Production Economics, 104 (2), 502-513.
- BUFFA, E. S. and SARIN, R. K. (1987) Modern Production/ Operations Management. New York: John Wiley & Sons.
- CARSON, J., S. II (2002) Model Verification and Validation. In: 2002 Winter Simulation Conference. pp. 52-58.
- CAULCUTT, R. (1996) Statistical process control (SPC). Assembly Automation, 16 (4), 10 - 14.
- CHAKRABORTY, S. and DEY, S. (2007) QFD-based expert system for non-traditional machining processes selection. Expert Systems with Applications, 32 (4), 1208-1217.
- CHAN, L.-K. and WU, M.-L. (2002) Quality function deployment: A literature review. European Journal of Operational Research, 143 (3), 463-497.
- CHANG, I. C., HWANG, H.-G., LIAW, H.-C., HUNG, M.-C., CHEN, S.-L. and YEN, D. C. (2008) A neural network evaluation model for ERP performance from SCM perspective to enhance enterprise competitive advantage. Expert Systems with Applications, 35 (4), 1809-1816.
- CHAPMAN, C. D. (2005) Clean House With Lean 5S. Quality Progress, 38 (6), 27-32.
- CHASE, R. B., JACOBS, F. R. and AQUILANO, N. J. (2006) Operations Management: for Competitive Advantage with Global Case New York: McGraw-Hill/Irwin.
- CHE, Z. H. (2008) Pricing strategy and reserved capacity plan based on product life cycle and production function on LCD TV manufacturer. Expert Systems with Applications, In Press, Corrected Proof.
- CHEN, C.-H. and YAN, W. (2008) An in-process customer utility prediction system for product conceptualisation. Expert Systems with Applications, 34 (4), 2555-2567.

- CHEN, R.-M., LO, S.-T. and HUANG, Y.-M. (2007) Combining competitive scheme with slack neurons to solve real-time job scheduling problem. *Expert Systems with Applications*, 33 (1), 75-85.
- CHEN, W.-C., TAI, P.-H., WANG, M.-W., DENG, W.-J. and CHEN, C.-T. (2008) A neural network-based approach for dynamic quality prediction in a plastic injection molding process. *Expert Systems with Applications*, 35 (3), 843-849.
- CHOUDHURY, D. R., BHARGAVA, P., REENA and KAIN, S. (2007) Use of Artificial Neural Networks for Predicting the Outcome of Cricket Tournaments. *International Journal of Sports Science and Engineering*, 1 (2), 87-96.
- COHEN, L. (1995) *Quality function deployment : how to make QFD work for you. (Engineering process improvement series)* Reading, Mass. ; Wokingham: Addison-Wesley.
- COX, J., BLACKSTONE, J. and SPENCER, M. (Eds.) (1995) *APICS Dictionary*. APICS, Inc.
- CROSBY, P. B. (1999) *Quality and me: lessons from an evolving life*. San Francisco, Calif: Jossey-Bass.
- CUA, K. O., MCKONE, K. E. and SCHROEDER, R. G. (2001) Relationships between implementation of TQM, JIT, and TPM and manufacturing performance. *Journal of Operations Management*, 19 (6), 675-694.
- CUSUMANO, M. A. (1994) The Limits of "Lean". *Sloan Management Review*, 35 (4), 27-32.
- DARLINGTON, K. (1997) *Expert systems in nursing*. [cited 1 April 2008]. Available from <http://www.bcs.org/upload/pdf/nsg-itin-vol9-darlington1.pdf>
- DATTAKUMAR, R. and JAGADEESH, R. (2003) A review of literature on benchmarking. *Benchmarking: An International Journal*, 10 (3), 176-209.
- DELBRIDGE, R. and BARTON, H. (2002) Organizing for continuous improvement: Structures and roles in automotive components plants. *International Journal of Operations & Production Management*, 22 (6), 680 - 692.
- DELEN, D. and PRATT, D. B. (2006) An integrated and intelligent DSS for manufacturing systems. *Expert Systems with Applications*, 30 (2), 325-336.
- DEMING, W. E. (1986) *Out of the crisis: quality, productivity and competitive position*. Cambridge: Cambridge University Press.
- DENG, P.-S. (1999) Using genetic algorithms for batch selection decisions. *Expert Systems with Applications*, 17 (3), 183-194.
- DOLCEMASCOLO, D. (2006) *Improving The Extended Value Stream: Lean For The Entire Supply Chain*. New York: Productivity Press.
- DOMINGO, R., ALVAREZ, R., PEÑA, M. M. and CALVO, R. (2007) Materials flow improvement in a lean assembly line: a case study. *Assembly Automation*, 27 (2), 141-147.
- DONNELLY, T. and MORRIS, D. (2003) Restructuring Ford Europe. *European Business Review*, 15 (2), 77-86.
- ELG, M., OLSSON, J. and DAHLGAARD, J. J. R. (2008) Implementing statistical process control: an organizational perspective. *International Journal of Quality & Reliability Management*, 25 (6), 545 - 560.

- EMILIANI, M. L. (1998) Lean behaviors. *Management Decision*, 36 (9), 615-631.
- EMILIANI, M. L. (2000) Cracking the code of business. *Management Decision*, 38 (2), 60 - 79
- ENGIN, O., ÇELİK, A. and KAYA, I. (2008) A fuzzy approach to define sample size for attributes control chart in multistage processes: An application in engine valve manufacturing process. *Applied Soft Computing*, 8 (4), 1654-1663.
- ETI, G. (2005) Lean Design: How to slash manufacturing costs during the product design cycle. [cited 29 August 2007]. Available from <http://cpd.ogi.edu/LeanDesign.pdf>
- FORD, H. (1973) My life and work. (Big Business: Economic Power in a Free Society) New York: Arno Press.
- FOWLKES, W. Y. and CREVELING, C. M. (1995) *Engineering Methods for Robust Product Design: Using Taguchi Methods in Technology and Product Development*. Reading, Massachusetts: Addison-Wesley.
- GARCIA, J. A. M., VAL, M. P. D. and MARTIN, T. B. (2006) The impact of training and ad hoc teams in industrial settings. *International Journal of Management Science and Engineering Management*, 1 (2), 137-147.
- GIARRATANO, J. C. and RILEY, G. (2005) *Expert systems: principles and programming*. Boston: Course Technology.
- GINN, D. M., JONES, D. V., RAHNEJAT, H. and ZAIRI, M. (1998) The "QFD/FMEA interface". *European Journal of Innovation Management*, 1 (1).
- GOWEN, C. R. I. and TALLON, W. J. (2003) Enhancing supply chain practices through human resource management. *Journal of Management Development*, 22 (1), 32 - 44.
- GREIMEL, H. (2006) Toyota eyes 15% global market share.
- GUEST, D. E., MICHIE, J., CONWAY, N. and SHEEHAN, M. (2003) Human Resource Management and Corporate Performance in the UK. *British Journal of Industrial Relations*, 41 (2), 291-314.
- HALLAM, B. J. (2005). *An Investigation into the Application of Design for Six-Sigma Methodology to Automotive Product Design*. MSc. University of Bradford.
- HARRISON, D. K. and PETTY, D. J. (2002) *Systems for Planning & Control in Manufacturing*. Oxford: Newnes.
- HELMS, M. M., ETTKIN, L. P. and CHAPMAN, S. (2000) Supply chain forecasting – Collaborative forecasting supports supply chain management. *Business Process Management Journal*, 6 (5), 392 - 407.
- HILL, T. (2000) *Manufacturing Strategy: Text and Cases*. Basingstoke: Macmillan.
- HINES, P., HOLWEG, M. and RICH, N. (2004) Learning to evolve: A review of contemporary lean thinking. *International Journal of Operations & Production Management*, 24 (10), 994-1011.
- HOKOMA, R. A. (2007). *The Status of Manufacturing and Quality Control Philosophies and Techniques within the Libyan Manufacturing Industries*. PhD. University of Bradford.
- HOLWEG, M. (2007) The genealogy of lean production. *Journal of Operations Management*, 25 (2), 420-437.

- HOPGOOD, A. A. (2001) *Intelligent Systems for Engineers and Scientists* Boca Raton: CRC Press.
- HOPP, W. J. and SPEARMAN, M. L. (2001) *Factory Physics: Foundations of Manufacturing Management*. New York: McGraw-Hill.
- HUANG, G. Q., ZHANG, X. Y. and LIANG, L. (2005) Towards integrated optimal configuration of platform products, manufacturing processes, and supply chains. *Journal of Operations Management*, 23 (3-4), 267-290.
- HUNG, H.-F., KAO, H.-P. and JUANG, Y.-S. (2008) An integrated information system for product design planning. *Expert Systems with Applications*, 35 (1-2), 338-349.
- HUSSAIN, I. (1998). A knowledge-based approach for the planning and design of flexible manufacturing systems: development and implementation of an integrated hybrid (knowledge-base and analytical) planning and design model for the flexible manufacturing system and an exploration of its use to obtain a viable design for the system. PhD. University of Bradford.
- IDEF0. 1993 INTEGRATION DEFINITION FOR FUNCTION MODELING (IDEF0). TECHNOLOGY, N. I. O. S. A. National Institute of Standards and Technology
- INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (2009) ISO 9000 essentials [cited 8 April 2009]. Available from http://www.iso.org/iso/iso_catalogue/management_standards/iso_9000_iso_14000/iso_9000_essentials.htm.
- ISHIKAWA, K. (1985) *What is total quality control? : the Japanese way*. Englewood Cliffs; London: Prentice-Hall.
- ISIKLAR, G., ALPTEKIN, E. and BUYUKOZKAN, G. (2007) Application of a hybrid intelligent decision support model in logistics outsourcing. *Computers & Operations Research*, 34 (12), 3701-3714.
- JAMA (2008) *Motor Vehicle Statistics of Japan 2008*. Japan Automobile Manufacturers Association, Inc.
- JARVIS, M. (1999) Concurrent engineering. *Work Study*, 48 (3), 88-91.
- JONES, D. T., HINES, P. and RICH, N. (1997) Lean logistics. *International Journal of Physical Distribution & Logistics Management*, 27 (3/4), 153-173.
- JURAN, J. M. (1999) *Juran's quality handbook*. New York; London: McGraw-Hill.
- KAMISO, S. (2004) Perodua set for major revamp. *Star Motoring Magazine*.
- KAMISO, S. (2005) Korean-made cars make inroads at expense of national makes. *Star Motoring Magazine*.
- KAPLAN, R. S. and NORTON, D. P. (1996) *The balanced scorecard : translating strategy into action*. Boston, Mass: Harvard Business School Press.
- KELTON, W. D., SADOWSKI, R. P. and STURROCK, D. T. (2007) *Simulation with ARENA*. New York: McGraw-Hill.
- KHAN, A. and DAY, A. J. (2002) A Knowledge Based Design Methodology for manufacturing assembly lines. *Computers & Industrial Engineering*, 41 (4), 441-467.

- KHAN, M. K. and HAFIZ, N. (1999) Development of an Expert System for implementation of ISO 9000 quality systems. *Total Quality Management*, 10 (1), 47-59.
- KHAN, M. K. and WIBISONO, D. (2008) A hybrid knowledge-based performance measurement system. *Business Process Management Journal*, 14 (2), 129 - 146.
- KHAN, M. N. (1996). Investigation of the feasibility of using a knowledge based system for master production scheduling : development and implementation of a prototype knowledge-based master production scheduling system and the exploration of its use to improve the accuracy of the master production schedules. PhD. University of Bradford.
- KOCHHAR, A. K., SURU, A. K. and HATHER, R. (1991) Design and implementation of a general purpose knowledge-based gap analysis system with particular reference to the implementation of effective material requirements planning systems. In: *Proceedings of I MechE, Effective CAD/CAM91*. pp. 129-134.
- KOLODNER, J. L. (Ed.) (1993) *Case-Based Learning*. Dordrecht, Netherlands: Kluwer Academic Publishers.
- KRAJEWSKI, L. J. and RITZMAN, L. P. (2005) *Operations Management: Processes and Value Chains*. New Jersey: Pearson Prentice Hall.
- KULAK, O. (2005) A decision support system for fuzzy multi-attribute selection of material handling equipments. *Expert Systems with Applications*, 29 (2), 310-319.
- KUMAR, A., ANTONY, J. and DHAKAR, T. S. (2006) Integrating quality function deployment and benchmarking to achieve greater profitability. *Benchmarking: An International Journal*, 13 (3), 290 - 310.
- LAMMING, R. (1996) Squaring lean supply with supply chain management. *International Journal of Operations & Production Management*, 16 (2), 183-196.
- LAOSIRIHONGTHONG, T. and DANGAYACH, G. S. (2005) A comparative study of implementation of manufacturing strategies in Thai and Indian automotive manufacturing companies. *Journal of Manufacturing Systems*, 24 (2), 131-143.
- LEE, C. Y. (1993) A Recent Development of the Integrated Manufacturing System: A Hybrid of MRP and JIT. *International Journal of Operations & Production Management*, 13 (4).
- LEE, P.-M. (2002) Sustaining business excellence through a framework of best practices in TQM. *The TQM Magazine*, 14 (3).
- LEE-MORTIMER, A. (2006) A lean route to manufacturing survival. *Assembly Automation*, 26 (4), 265-272.
- LEE-MORTIMER, A. (2008) A continuing lean journey: an electronic manufacturer's adopting of Kanban. *Assembly Automation*, 28 (2), 103 - 112.
- LIKER, J. K. (2004) *The Toyota way: 14 management principles from the world's greatest manufacturer*. New York; London: McGraw-Hill.
- LIKER, J. K. and YU, Y.-C. (2000) Japanese Automakers, U.S. Suppliers and Supply-Chain Superiority. *MIT Sloan Management Review*, 42 (1), 81-89.
- LIN, Y.-H., SHIE, J.-R. and TSAI, C.-H. (2008) Using an artificial neural network prediction model to optimize work-in-process inventory level for wafer fabrication. *Expert Systems with Applications*, In Press, Corrected Proof.

- LUGER, G. F. (2005) Artificial intelligence: structures and strategies for complex problem solving. Harlow, England; New York: Addison-Wesley.
- MAGEE, D. (2008) How Toyota Became #1: Leadership Lessons from the World's Greatest Car Company. New York: Portfolio.
- MALLACH, E. G. (2000) Decision Support and Data Warehouse Systems. London: McGraw-Hill.
- MASCLE, C. and ZHAO, H. P. (2008) Integrating environmental consciousness in product/process development based on life-cycle thinking. *International Journal of Production Economics*, 112 (1), 5-17.
- MENTZER, J. T. (2001) Supply Chain Management. London: Sage.
- MENTZER, J. T., FOGGIN, J. H. and GOLICIC, S. L. (2000) Collaboration: the enablers, impediments and benefits. *Supply Chain Management Review*, 4 (September/October), 52-58.
- METAXIOTIS, K., PSARRAS, J. and SAMOUILIDIS, E. (2003) Integrating fuzzy logic into decision support systems: current research and future prospects. *Information Management & Computer Security*, 11 (2), 53-59.
- MEZIANE, F., VADERA, S., KOBACZY, K. and PROUDLOVE, N. (2000) Intelligent systems in manufacturing: current developments and future prospects. *Integrated Manufacturing Systems*, 11 (4).
- MISTRY, J. J. (2005) Origins of profitability through JIT processes in the supply chain. *Industrial Management & Data Systems*, 105 (6), 752-768.
- MITI (2003) New Rates For Import And Excise Duties On Motor Vehicles With Effect From 1.1.2004. Ministry of International Trade and Industry of Malaysia, [cited 27 July 2004]. Available from <http://www.miti.gov.my/new-31dis04.htm>.
- MITRA, S. and SINGHAL, V. (2008) Supply chain integration and shareholder value: Evidence from consortium based industry exchanges. *Journal of Operations Management*, 26 (1), 96-114.
- MOHAMED, H., LEE, M. H., SARAHINTU, M., SALLEH, S. and SANUGI, B. (2008) Simulation Analysis of Ad-Hoc On-Demand Distance Vector Routing Protocol Performance in Mobile Ad Hoc Network Using Taguchi Design Approach. *Journal of Fundamental Sciences*, 4, 387-394.
- MOHAMED, N. M. Z. N. (2008) Proton Manufacturing System Product Development Time ed. Shah Alam.
- MOMIN, M. (1999). A knowledge-based approach for the dynamic scheduling and sequencing in manufacturing cells: development of a knowledge-based scheduling and sequencing system for the cellular manufacturing environment and an exploration of its use to obtain viable static and dynamic schedules. PhD. University of Bradford.
- MONDEN, Y. (1983) Toyota production system : practical approach to production management. Norcross, GA: Industrial Engineering and Management Press, Institute of Industrial Engineers.
- MONDEN, Y. (1998) Toyota Production System: An Integrated Approach to Just-In-Time. Norcross, Georgia: Engineering & Management Press.

- NAJMI, M., RIGAS, J. and FAN, I.-S. (2005) A framework to review performance measurement systems. *Business Process Management Journal*, 11 (2), 109 - 122.
- NAKAJIMA, S. (1988) *Introduction to TPM: total productive maintenance*. Portland, Oregon: Productivity Press.
- NARASIMHAN, R. and KIM, S. W. (2002) Effect of supply chain integration on the relationship between diversification and performance: evidence from Japanese and Korean firms. *Journal of Operations Management*, 20 (3), 303-323.
- NAWAWI, M. K. M., KHAN, M. and HUSSAIN, K. (2007) Conceptual Model of Collaborative Lean Manufacturing Management System: Planning Stage. In: *The 5th International Conference on Manufacturing Research (ICMR07)*. De Montfort University, UK, pp. 148-152.
- NAWAWI, M. K. M., KHAN, M. K. and HUSSAIN, K. (2008) Paper 1: Collaborative Lean Manufacturing Management - The Framework and Hybrid Knowledge-Based System. *24th International Conference on CARS & FOF'08*.
- NOOR, S. (2007). *Operational scheduling of traditional and flexible manufacturing systems using genetic algorithms, artificial neural networks and simulation*. PhD. University of Bradford.
- OAKLAND, J. S. (2003) *Statistical Process Control*. Oxford: Butterworth Heinemann.
- OAKLAND, J. S. (2003) *TQM: Text with Cases*. London: Elsevier.
- OAKLAND, J. S. and PORTER, L. (2004) *Quality in the 21st Century - The Foundations*. European Centre for Business Excellence.
- OHNO, T. (1988) *The toyota production system: Beyond large-scale production*. Portland, Oregon: Productivity Press.
- OICA (2007) *2007 Production Statistics*. International Organization of Motor Vehicle Manufacturers, [cited 14 January 2009]. Available from <http://oica.net/category/production-statistics/>.
- PETROVIC, D. and DUENAS, A. (2006) A fuzzy logic based production scheduling/rescheduling in the presence of uncertain disruptions. *Fuzzy Sets and Systems*, 157 (16), 2273-2285.
- PHELPS, T., SMITH, M. and HOENES, T. (2004) Building a Lean Supply Chain. *Manufacturing Engineering*, 132 (5), 107-114.
- PHILPOT, P. T. (1998). *Quality Management and Improvement: Theory and Practice*. MSc. University of Bradford
- PIGFORD, D. and BAUR, G. R. (1990) *Expert systems for business: concepts and applications: featuring VP-Expert*. Boston: Boyd & Fraser.
- PROTON (2007) *PROTON 2007 Annual Report*. Kuala Lumpur: Proton Holdings Berhad.
- PROUDLOVE, N. C., VADERÁ, S. and KOBACZY, K. A. H. (1998) Intelligent Management Systems in Operations: A Review. *The Journal of the Operational Research Society*, 49 (7), 682-699.
- RABELO, L., ESKANDARI, H., SHAALAN, T. and HELAL, M. (2007) Value chain analysis using hybrid simulation and AHP. *International Journal of Production Economics*, 105 (2), 536-547.

- RAZMI, J., RAHNEJAT, H. and KHAN, M. K. (2000) The new concept of manufacturing "DNA" within an analytic hierarchy process-driven expert system. *European Journal of Innovation Management*, 3 (4), 199-211.
- RAZMI, K. A. J. (1998). An analytic hierarchy process driven knowledge-based system in push, pull and hybrid manufacturing systems. Ph.D. Bradford.
- RENDER, B., RALPH M. STAIR, J. and HANNA, M. E. (2006) *Quantitative Analysis for Management*. Upper Saddle River, New Jersey: Pearson Prentice Hall.
- ROY, R. K. (2001) *Design of Experiments Using the Taguchi Approach: 16 Steps to Product and Process Improvement*. New York: John Wiley & Sons.
- SAATY, T. L. (2001) *Decision making for leaders: the analytical hierarchy process for decisions in a complex world*. Vol. 2. Pittsburgh: RWM Publications.
- SAKO, M. (2004) Supplier Development at Honda, Nissan and Toyota: Comparative Case Studies of Organizational Capability Enhancement. *Industrial and Corporate Change*, 13 (2), 281-308.
- SALAMEH, M. K. and GHATTAS, R. E. (2001) Optimal just-in-time buffer inventory for regular preventive maintenance. *International Journal of Production Economics*, 74 (1-3), 157-161.
- SAMARANAYAKE, P., LEWIS, G. S., WOXVOLD, E. R. A. and TONCICH, D. (2002) Development of engineering structures for scheduling and control of aircraft maintenance. *International Journal of Operations & Production Management*, 22 (8), 843 - 867.
- SAPUAN, S. M., OSMAN, M. R. and NUKMAN, Y. (2006) State of the art of the concurrent engineering technique in the automotive industry. *Journal of Engineering Design*, 17 (2), 143-157.
- SCHMIDT, G. (1998) Case-based reasoning for production scheduling. *International Journal of Production Economics*, 56-57, 537-546.
- SCHROER, B. J. (2004) Simulation as a Tool in Understanding the Concepts of Lean Manufacturing. *SIMULATION*, 80 (3), 171-175.
- SHAH, R. and WARD, P. T. (2007) Defining and developing measures of lean production. *Journal of Operations Management*, 25 (4), 785-805.
- SHARMA, S. and AGRAWAL, N. (2008) Selection of a pull production control policy under different demand situations for a manufacturing system by AHP-algorithm. *Computers & Operations Research*, In Press, Corrected Proof.
- SHIN, J.-S., KIM, K.-J. and CHANDRA, M. J. (2002) Consistency check of a house of quality chart. *International Journal of Quality & Reliability Management*, 19 (4), 471 - 484.
- SHINGO, S. (1985) *A revolution in manufacturing: the SMED system*. Cambridge, Mass: Productivity Press.
- SINGH, N. and RAJAMANI, D. (1995) *Cellular manufacturing systems: design, planning and control*. London: Chapman and Hall.
- SKINNER, W. (1974) The focused factory. *Harvard Business Review*, (May-June).
- SLACK, N., CHAMBERS, S. and JOHNSTON, R. (2007) *Operations Management*. Harlow: Financial Times Prentice Hall.

- SMIDEC (2007) Definition of SMEs. Small and Medium Industries Development Corporation, [cited 20 March 2007]. Available from <http://www.smidec.gov.my/detailpage.jsp?page=defsme>.
- SPEAR, S. and BOWEN, H. K. (1999) Decoding the DNA of the Toyota Production System. *Harvard Business Review*, 77 (5), 96-106.
- SPEAR, S. J. (2004) Learning to lead at Toyota. *Harvard Business Review*, 82 (5), 78-+.
- STAMATIS, D. H. (2004) *Six Sigma Fundamentals: A Complete Guide to the System, Methods and Tools*. New York: Productivity Press.
- STANK, T. P., DAUGHERTY, P. J. and AUTRY, C. W. (1999) Collaborative planning: supporting automatic replenishment programs. *Supply Chain Management: An International Journal*, 4 (2), 75 - 85.
- STEVENSON, W. J. (2005) *Operations management*. Boston, MA: McGraw-Hill Irwin.
- STOOP, P. P. M. and BERTRAND, J. W. M. (1997) Performance prediction and diagnosis in two production departments. *Integrated Manufacturing Systems*, 8 (2), 103-109.
- STRATEGOS INC. (2007) Characteristics of the Focused Factory. [cited 26 November 2007]. Available from http://www.strategosinc.com/focused_factory_1.htm.
- SU, C.-H. and HOU, T.-H. (2008) Using multi-population intelligent genetic algorithm to find the pareto-optimal parameters for a nano-particle milling process. *Expert Systems with Applications*, 34 (4), 2502-2510.
- SUH, M. S., JHEE, W. C., KO, Y. K. and LEE, A. (1998) A case-based expert system approach for quality design. *Expert Systems with Applications*, 15 (2), 181-190.
- SULONG, W. (2000) Don't cry for Proton, Yoshimi Fumio, there's life after Afta. *Star Motoring Magazine*.
- SUN, J., FRAZER, J. H. and MINGXI, T. (2007) Shape optimisation using evolutionary techniques in product design. *Computers & Industrial Engineering*, 53 (2), 200-205.
- SUNNAPWAR, V. K. and KODALI, R. (2006) Development of a knowledge-based system for justification of world-class manufacturing systems. *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, 220 (10), 1751-1761.
- SWINBURNE, R. (Ed.) (2002) *Bayes's theorem*. Oxford: Oxford University Press.
- SYAN, C. S. (1994) Introduction to concurrent engineering. In: SYAN, C. S. and MENON, U. (Eds.) *Concurrent engineering: concepts, implementation and practice*. London: Chapman & Hall, pp. 3-23.
- TAN, C. M. (2003) Customer-focused build-in reliability: a case study. *International Journal of Quality & Reliability Management*, 20 (3), 378 - 397.
- TENG, S. G., HO, S. M., SHUMAR, D. and LIU, P. C. (2006) Implementing FMEA in a collaborative supply chain environment. *International Journal of Quality & Reliability Management*, 23 (2), 179 - 196.
- TENG, S.-H. and HO, S.-Y. (1996) Failure mode and effects analysis: An integrated approach for product design and process control. *International Journal of Quality & Reliability Management*, 13 (5), 8 - 26.

- TETI, R. and KUMARA, S. R. T. (1997) Intelligent computing methods for manufacturing systems. *CIRP Annals - Manufacturing Technology*, 46 (2), 629-652.
- TOYOTA (2007) Toyota Motor Corporation Annual Report 2007. Tokyo: Toyota Motor Corporation.
- TSAI, C.-Y. and CHIU, C.-C. (2007) A case-based reasoning system for PCB principal process parameter identification. *Expert Systems with Applications*, 32 (4), 1183-1193.
- TSENG, H.-E., CHANG, C.-C. and CHANG, S.-H. (2005) Applying case-based reasoning for product configuration in mass customization environments. *Expert Systems with Applications*, 29 (4), 913-925.
- TURBAN, E., ARONSON, J. E. and LIANG, T.-P. (2005) Decision support systems and intelligent systems. London Prentice-Hall.
- UDIN, Z. M. (2004). A hybrid knowledge-based approach for planning and designing a collaborative supply chain management system. PhD Thesis, University of Bradford.
- UDIN, Z. M., KHAN, M. K. and ZAIRI, M. (2006a) A collaborative supply chain management: Part 2 – the hybrid KB/gap analysis system for planning stage Business Process Management Journal, 12 (5), 671-687.
- UDIN, Z. M., KHAN, M. K. and ZAIRI, M. (2006b) A collaborative supply chain management framework: Part 1 - planning stage. *Business Process Management Journal*, 12 (3).
- UNIVERSITY OF BRADFORD (2008) About Failure Mode Avoidance. [cited 24 October 2008]. Available from http://www.eng.brad.ac.uk/eqi/fma_section/index.php?page=fma_about.
- VOLLMANN, T. E., BERRY, W. L., WHYBARK, D. C. and JACOBS, F. R. (2005) *Manufacturing Planning and Control for Supply Chain Management*. (The McGraw-Hill/Irwin Series in Operations and Decision Sciences) New York: McGraw-Hill/Irwin.
- VOLVO MALAYSIA (2005) Welcome to Volvo Car Malaysia. Volvo Malaysia, [cited 28 July 2005]. Available from <http://www.volvocars.com.my/Tier3/AboutUs/VolvoMalaysia.htm>.
- VONDEREMBSE, M. A., UPPAL, M., HUANG, S. H. and DISMUKES, J. P. (2006) Designing supply chains: Towards theory development. *International Journal of Production Economics*, 100 (2), 223-238.
- VUPPALAPATI, K., AHIRE, S. L. and GUPTA, T. (1995) JIT and TQM: a case for joint implementation. *International Journal of Operations & Production Management*, 15 (5), 84-94.
- WHITE, R. E. and PRYBUTOK, V. (2001) The relationship between JIT practices and type of production system. *Omega*, 29 (2), 113-124.
- WIBISONO, D. (2003). A knowledge based approach to assist in the design of a performance measurement system for a manufacturing environment. PhD Thesis, University of Bradford.
- WIKIPEDIA (2008) Anti-lock braking system. [cited 20 April 2009]. Available from http://en.wikipedia.org/wiki/Anti-lock_braking_system.
- WIKIPEDIA (2009) Volvo Cars. [cited 20 April 2009]. Available from http://en.wikipedia.org/wiki/Volvo_Cars.

- WOMACK, J. P. and JONES, D. T. (2003) *Lean thinking: banish waste and create wealth in your corporation: revised and updated.* New York: Simon and Schuster.
- WOMACK, J. P. and JONES, D. T. (2005a) *Lean Consumption.* HARVARD BUSINESS REVIEW, (March 2005), 1-12.
- WOMACK, J. P. and JONES, D. T. (2005b) *Lean solutions : how companies and customers can create value and wealth together.* London: Simon & Schuster.
- WOMACK, K., JONES, D. and ROOS., D. (1990) *The machine that changed the world.* Oxford: Maxwell Macmillan International.
- WYMAN, O. (2008) *Lean Improvements, Worker Buyouts bring Detoit Three Productivity Closer to Asian Rivals.* Oliver Wyman, [cited 18 April 2009].
- YANG, K. and EL-HAIK, B. (2003) *Design for Six Sigma: A Roadmap for Product Development.* New York: McGraw-Hill Professional.
- YAO, M.-J. and CHU, W.-M. (2008) *A genetic algorithm for determining optimal replenishment cycles to minimize maximum warehouse space requirements.* Omega, 36 (4), 619-631.
- YOUNG, S. M. (1992) *A Framework for Successful Adoption and Performance of Japanese Manufacturing Practices in the United States.* The Academy of Management Review, 17 (4), 677-700.
- ZAILANI, S. and RAJAGOPAL, P. (2005) *Supply chain integration and performance: US versus East Asian companies.* Supply Chain Management: An International Journal, 10 (5), 379-393.
- ZAIRI, M., EUROPEAN FOUNDATION FOR QUALITY MANAGEMENT (1993) *Quality function deployment : a modern competitive tool. (TQM Practitioner Series)* Letchworth: Technical Communications.
- ZARANDI, M. H. F., POURAKBAR, M. and TURKSEN, I. B. (2008) *A Fuzzy agent-based model for reduction of bullwhip effect in supply chain systems.* Expert Systems with Applications, 34 (3), 1680-1691.

206 references