

REFERENCES

- Agarwal, A., Shankar, R. and Tiwari, M.K. (2006), "Modelling the metrics of lean, agile and leagile supply chain: An ANP-based approach", *European Journal of Operational Research*, Vol. 173, No. 1, pp. 211-225.
- Agarwal, A., Shankar, R. and Tiwari, M.K. (2007), "Modelling agility of supply chain", *Industrial Marketing Management*, Vol. 36, No. 4, pp.443-457.
- Aitken, J., Christopher, M. and Towill, D. (2002), "Understanding, Implementing and Exploiting Agility and Leanness", *International Journal of Logistics Research and Applications*, Vol. 5 No., pp. 59-74.
- Anatan, L (2006), "Agile supply chain: Competing through competitive excellence", *Sinergi*, Vol. 8, No. 1, pp. 13-21.
- Angkiriwang, R., Pujawan, I.N. and Santosa, B. (2014), "Managing uncertainty through supply chain flexibility: reactive vs. proactive approaches", *Production and Manufacturing Research*, Vol. 2, No. 1, pp. 50–70.
- Aziz, A.K.A., and Zailani, S. (2011), "A conceptual paper on determinants and outcomes of supply chain agility", *Proceedings of 2011 International Conference on Computer Communication and Management*, IACSIT Press, Singapore.
- Badri, M.A. (2001), "A combined AHP-GP model for quality control systems", *International Journal of Production Economics*, Vol. 72, No. 1, pp. 27–40.
- Beamon, B.M. (1998), "Supply chain design and analysis: Models and methods", *International Journal of Production Economics*, Vol. 55, No. 3, pp. 281- 294.

- Bellman, R.E. and Zadeh, L.A. (1970), "Decision-Making in a fuzzy environment", *Management Science*, Vol. 17, No. 4, pp. B141-B164.
- Bezuidenhout, C. N. (2016), "Quantifying the degree of leanness and agility at any point within a supply chain", *British Food Journal*, Vol. 118, No 1, pp.60-69.
- Bottani, E. (2009), "Profile and enablers of agile companies: an empirical investigation", *International Journal of Production Economics*, Vol. 125, No. 2, pp. 251-261.
- Bottani, E. (2010), "A fuzzy QFD approach to achieve agility", *International Journal of Production Economics*, Vol. 119, No. 2, pp.380–391.
- Braunscheidel, M.J. and Suresh, N.C., (2009) "The organizational antecedents of a firm's supply chain agility for risk mitigation and response", *Journal of Operations Management*, Vol. 27 No. 2, pp. 119-140.
- Browaeys, M.J. and Fisser, S. (2012), "Lean and agile: an epistemological reflection", *The Learning Organization*, Vol. 19, No. 3, pp.207-218.
- Brown, S. and Bessant, J. (2003), "The manufacturing strategy-capabilities links in mass customisation and agile manufacturing- an exploratory study", *International Journal of Operations & Production Management*, Vol. 23 No. 7, pp. 707-730.
- Bruce, M. Daly, L. and Towers, N. (2004),"Lean or agile: A solution for supply chain management in the textiles and clothing industry?", *International Journal of Operations & Production Management*, Vol. 24, No. 2, pp. 151 – 170.
- Brusset, X. and Teller, C. (2017), "Supply chain capabilities, risks, and resilience", *International Journal of Production Economics*, Vol. 184, pp. 59-68.

Burgess, T.F. (1994), "Making the Leap to Agility: Defining and Achieving Agile Manufacturing through Business Process Redesign and Business Network Redesign", *International Journal of Operations and Production Management*, Vol. 14, No. 11, pp. 23-34.

Bustelo, D.V. Avella, L. and Fernandez, E. (2007), "Agility drivers, enablers and outcomes", *International Journal of Operations and Production Management*, Vol. 27, No. 12, pp.1303–1332.

Cabrita, M.R., Domingues, J.P. and Requeijo, J. (2016), "Application of Lean Six-Sigma methodology to reducing production costs: case study of a Portuguese bolts manufacturer", *International Journal of Management Science and Engineering Management*, Vol. 11, No. 4, pp. 222-230.

Camarinha-Matos, L.M. and Afsarmanesh, H. (1999), "The virtual enterprise concept", in Camarinha-Matos, L.M. and Afsarmanesh, H. (Eds.): *Infrastructures for Virtual Enterprises*, pp.3–14, Kluwer Academic Publishers, The Netherlands.

Camarinha-Matos, L.M. (2014). "Collaborative Networks: A Mechanism for Enterprise Agility and Resilience", *Enterprise Interoperability VI Proceedings of the I-ESA Conferences*, Vol. 7, pp. 3-11, Springer.

Canada, J.R. and Sullivan, W.G. (1989), "Economic and Multi Attribute Evaluation of Advanced Manufacturing Systems", *Prentice-Hall, Inc., Englewood Cliffs*, New Jersey.

Carvalho, H., Azevedo, S.G. and Cruz-Machado, V. (2012), "Agile and resilient approaches to supply chain management: influence on performance and competitiveness", *Logistics Research*, Vol. 4, No. 1, pp. 49-62.

Carvalho, H., Duarte, S. and Machado, V.C. (2011), "Lean, agile, resilient and green: divergencies and synergies", *International Journal of Lean Six Sigma*, Vol. 2, No. 2, pp.151-179.

Chan, F.T.S. and Kumar, V. (2009), "Performance optimization of a leagility inspired supply chain model: a CFGTSA algorithm based approach", *International Journal of Production Research*, Vol. 47, No. 3, pp. 777-799.

Chen, I.J., and Paulraj, A. (2004), "Understanding supply chain management: Critical research and a theoretical framework", *International Journal of Production Research*, Vol. 42, No. 1, pp. 131-163.

Chiang, C.Y., Kocabasoglu-Hillmer, C. and Suresh, N. (2012),"An empirical investigation of the impact of strategic sourcing and flexibility on firm's supply chain agility", *International Journal of Operations & Production Management*, Vol. 32, No. 1, pp. 49-78.

Chopra, S., Meindl, P. (2004), "Supply Chain Management Strategy, Planning, and Operation", *Pearson Education, Inc.*, Singapore.

Chopra, S. and Sodhi, S. (2004), "Managing Risk to Avoid Supply Chain Breakdown", *MIT Sloan Management Review*, Vol. 46, No. 1, pp. 53-61.

Christopher, M. (1998), "Logistics & Supply Chain Management: Strategies for Reducing Costs and Improving Services", *Financial Times/Pitman* London.

Christopher, M. and Peck, H. (2004),"Building the Resilient Supply Chain", *The International Journal of Logistics Management*, Vol. 15, No. 2, pp. 1-14.

Christopher, M. and Towill, D. (2001), "An integrated model for the design of agile supply chains", *International Journal of Physical Distribution & Logistics Management*, Vol. 31, No. 4, pp. 235–246.

Christopher, M. (2000), "The agile supply chain: competing in volatile markets", *Industrial Marketing Management*, Vol. 29 No. 1, pp. 37-44.

Damghani, K.K. and Tavana, M. (2013), "A new fuzzy network data envelopment analysis model for measuring the performance of agility in supply chains", *International Journal of Advanced Manufacturing Technology*, Vol. 69 Nos 1-4, pp. 291-318.

Dauda, M. (2008), "Diffusion of agile supply chains attributes: a study of the UK upstream oil and gas industry cluster", PhD thesis of University of Hull, Hull.

Debnath, R.M. and Shankar, R. (2012), "Improving service quality in technical education: use of interpretive structural modelling", *Quality Assurance in Education*, Vol. 20, No. 4, pp. 387–407.

Dewangan, D.K., Agrawal, R. and Sharma, V. (2015), "Enablers for competitiveness of Indian manufacturing sector: an ISM-fuzzy MICMAC analysis", *Procedia of the 18th Annual International Conference of the Society of Operations Management*, pp.416–432.

Digalwar, A.K. and Giridhar, G. (2015), "Interpretive structural modelling approach for development of electric vehicle market in India", *Procedia of 12th Global Conference on Sustainable Manufacturing*, pp.40–45.

Dove, R. (1995), "Measuring agility: the toll of turmoil", *Production Magazine*, Vol. 107, No. 1, pp. 12-14.

Dowlatshahi, S. and Cao, Q. (2006), "The relationships among virtual enterprise, information technology, and business performance in agile manufacturing: an industry perspective", *European Journal of Operational Research*, Vol. 174, No. 2, pp. 835-860.

Eckstein, D., Goellner, M., Blome, C. and Henke, M. (2015), "The performance impact of supply chain agility and supply chain adaptability: the moderating effect of product complexity", *International Journal of Production Research*, Vol. 53, No. 10, pp 3028-3046.

Elkins, D.E., Huang, N. and Alden, J.M. (2004), "Agile manufacturing systems in the automotive industry", *International Journal of Production Economics*, Vol. 91, No. 3, pp. 201-214.

Erkut, E. and Moran, S. (1991), "Locating obnoxious facilities in the public sector: An application of the analytic hierarchy process to the municipal landfill siting decisions", *Socio-Economic Planning Science*, Vol. 25, No. 2, pp.89-102.

Faisal, M.N., Banwet, D.K. and Shankar, R. (2006), "Supply chain risk mitigation: modelling the enablers", *Business Process Management Journal*, Vol. 12, No. 4, pp.535–552.

Fayezi, S., Zutshi, A. and O'Loughlin, A. (2015), "How Australian manufacturing firms perceive and understand the concepts of agility and flexibility in the supply chain", *International Journal of Operations & Production Management*, Vol. 35, No. 2, pp. 246-281.

Fei, W. and Shilei, W. (2009) 'Fuzzy evaluation of supply chain agility based on improved term weighting method', *Proceedings of the International Conference on Information*

Management, Innovation Management and Industrial Engineering, 26–27 December, pp.483–485, Xi'an, China.

Forman, E. And Peniwati, K. (1998), “Theory and Methodology: Aggregating individual judgments and priorities with the Analytic Hierarchy Process”, *European Journal of Operational Research*, Vol. 108, No. 1, pp.165-169.

Ganguly, A., Nilchiani, R. and John V. F. (2009), “Evaluating agility in corporate enterprises”, *International Journal of Production Economics*, Vol. 118 No. 2, 410-423.

Gerwin, D. (2005), "An agenda for research on the flexibility of manufacturing processes", *International Journal of Operations & Production Management*, Vol. 25, No. 12, pp. 1171 – 1182.

Giachetti, R.E., Martinez, L.D., Saenz, O.A. and Chen, C.S. (2003), “Analysis of the structural measures of flexibility and agility using a measurement theoretical framework”, *International Journal of Production Economics*, Vol. 86, No. 1, pp.47-62.

Gligor, D.M. and Holcomb, M.C. (2012), "Understanding the role of logistics capabilities in achieving supply chain agility: a systematic literature review", *Supply Chain Management: An International Journal*, Vol. 17 No. 4, pp. 438-453.

Gligor, D.M., Holcomb, M.C. and Stank, T.P. (2013), “A Multidisciplinary Approach to Supply Chain Agility: Conceptualization and Scale Development”, *Journal of Business Logistics*, Vol. 34, No. 2, pp. 94-108.

Gligor, D.M., Holcomb, M.C. and Feizabadi, J. (2016), “An exploration of the strategic antecedents of firm supply chain agility: The role of a firm's orientations”, *International Journal of Production Economics*, Vol. 179 No. 1, pp. 24-34.

Goldman, S.L., Nagel, R.N. and Preiss, K (1995), *Agile Competitors and Virtual Organizations-Strategies for Enriching the Customer*, Van Nostrand Reinhold Company, New York, NY.

Gong, Y. and Janssen, M. (2012), "From policy implementation to business process management: Principles for creating flexibility and agility", *Government Information Quarterly*, Vol. 29, Supplement 1, pp. S61-S71.

Govindan, K., Kannan, D., Mathiyazhagan, K., Jabbour, A.D. and Jabbour, C.C. (2013), "Analysing green supply chain management practices in Brazil's electrical/electronics industry using interpretive structural modelling", *International Journal of Environmental Studies*, Vol. 70, No. 4, pp.477-493.

Gunasekaran, A. (1998), "Agile manufacturing: enablers and an implementation framework", *International Journal of Production Research*, Vol. 36, No. 5, pp.1223-1247.

Gunasekaran, A. (1999), "Agile manufacturing: a framework for research and development", *International Journal of Production Economics*, Vol. 62, Nos 1-2, pp. 87-105.

Gunasekaran, A. and Yusuf, Y.Y. (2002), "Agile manufacturing: a taxonomy of strategic and technological imperatives", *International Journal of Production Research*, Vol. 40, No. 6, pp.1357-1385.

Gunasekaran, A., Lai, K.H. and Cheng, T.C.E. (2008), "Responsive supply chain: a competitive strategy in a networked economy", *Omega*, Vol. 36, No. 4, pp. 549-564.

Hallgren, M. and Olhager, J. (2009), "Lean and agile manufacturing: external and internal drivers and performance outcomes", *International Journal of Operations & Production Management*, Vol. 29, No. 10, pp. 976 – 999.

Haq, A.N. and Boddu, V. (2015), "Analysis of agile supply chain enablers for Indian food processing industries using analytical hierarchy process", *International Journal of Manufacturing Technology and Management*, Vol. 29, Nos. 1/2, pp.30–47.

Harrison, A., Christopher, M. and van Hoek, R. (1999), "Creating the Agile Supply Chain", *Institute of Logistics & Transport*, London.

Hasan, M.A., Shankar, R., Sarkis, J., Suhail, A. and Asif, S. (2009), "A study of enablers of agile manufacturing", *International Journal of Industrial and Systems Engineering*, Vol. 4, No. 4, pp.407–430.

Hillier, F.S. and Lieberman, G.J. (2005), "Introduction to Operations Research", *McGraw-Hill*, New York, NY.

Hopp, W.J. and Spearman, M.L. (2004), "To pull or not to pull: what is the question?", *Manufacturing & Service Operations Management*, Vol. 6, No. 2, pp. 133-148.

Huang, Y.Y. and Li, S. (2010), "How to achieve leagility: A case study of a personal computer original equipment manufacturer in Taiwan", *Journal of Manufacturing Systems*, Vol. 29, Nos 2-3, pp. 63-70.

Hugos, M. (2003), "Essentials of Supply Chain Management", *John Wiley & Sons, Inc.*, Hoboken, New Jersey.

Ismail H.S., Sharifi H., (2006), "A balanced approach to building Agile supply chains", *International Journal of Physical Distribution & Logistics Management*, Vol. 36, No. 6, pp. 431–44.

Jain, V., Benyoucef, L. and Deshmukh, S.G. (2008), "A new approach for evaluating agility in supply chains using Fuzzy association rules mining", *Engineering Applications of Artificial Intelligence*, Vol. 21, No. 3, pp. 367-385.

James, T., (2005), "Stepping back from lean: lean versus agile manufacturing", *IEEE Manufacturing Engineer*, Vol. 84 No. 1, pp. 16-21.

Jharkharia, S. and Shankar, R. (2004), "IT enablement of supply chains: modelling the enablers", *International Journal of Productivity and Performance Management*, Vol. 53, No. 8, pp. 700-712.

Katayama, H. and Bennett, D. (1999), "Agility, adaptability and leanness: A comparison of concepts and a study of practice", *International Journal of Production Economics*, Vol. 60-61, pp. 43-51.

Krishnamurthy, R. and Yauch, C.A. (2007), "Leagile manufacturing: a proposed corporate infrastructure", *International Journal of Operations & Production Management*, Vol. 27, No. 6, pp. 588-604.

Kumar, A. and Motwani, J. (1995), "A methodology for assessing time-based competitive advantage of manufacturing firms", *International Journal of Operations & Production Management*, Vol. 15 No. 2, pp. 36-53.

Lankhorst, M.M., Zoet, M.M., Janssen, W.P.M. and Molnar, W.A. (2012), "Agility", Lankhorst, M.M., *Agile Service Development: Combining Adaptive Methods and Flexible Solutions*, Springer, Verlag Berlin Heidelberg, 17-40.

Lee, H.L. (2004), "A triple - A supply chain", *Harvard Business Review*, Vol. 82, No. 10, pp.102-112.

Lenort R. and Wicher P. (2012), "Agile versus resilient supply chains: commonalities and differences", *Proceedings of Carpathian Logistics Congress CLC 2012*, 7–9 November 2012, Jeseník, Czech Republic.

Li, X., Chung, C., Goldsby, T.J. and Holsapple C.W. (2008), "A unified model of supply chain agility: the work-design perspective", *The International Journal of Logistics Management*, Vol. 19 No. 3, pp. 408-435.

Li, X., Goldsby, T.J. and Holsapple C.W. (2009), "Supply chain agility: scale development", *The International Journal of Logistics Management*, Vol. 20 No. 3, pp. 408-424.

Lin, C.T., Chiu, H. and Chu, P.Y. (2006a), "Agility index in the supply chain", *International Journal of Production Economics*, Vol. 100, No. 2, pp. 285-299.

Lin, C.T., Chiu, H. and Tseng, Y.H. (2006b), "Agility evaluation using fuzzy logic", *International Journal of Production Economics*, Vol. 101, No. 2, pp. 353-368.

Liu, H., Weiling K., Wei, K.K. and Hua, Z. (2013), "The impact of IT capabilities on firm performance: The mediating roles of absorptive capacity and supply chain agility", *Decision Support Systems*, Vol. 54, No. 3, 1452-1462.

Mahajan, R., Agrawal, R., Sharma, V. and Nangia, V. (2014), "Factors affecting quality of management education in India", *International Journal of Educational Management*, Vol. 28, No. 4, pp.379–399.

Malone, D.W. (1975), "An introduction to the application of interpretive structural modelling", *Proceedings of IEEE*, Vol. 63, No. 3, pp.397–404.

Mandal, A. and Deshmukh, S.G. (1994), "Vendor selection using interpretive structural modelling (ISM)", *International Journal of Operations and Production Management*, Vol. 14, No. 6, pp. 52–59.

Mason-Jones, R., Naylor, B. and Towill, D.R. (2000), "Lean, agile or leagile? Matching your supply chain to the marketplace", *International Journal of Production Research*, Vol. 38, No. 17, pp. 4061-4070.

McGaughey, R.E. (1999), "Internet technology: contributing to agility in the twenty-first century", *International Journal of Agile Management Systems*, Vol. 1, No. 1, pp. 7-13.

McLachlin, R., (1997), "Management initiatives and just-in-time manufacturing", *Journal of Operations Management*, Vol. 15, No. 4, pp. 271–292.

Mishra, S., Datta, S. and Mahapatra, S.S. (2012), "Interrelationship of drivers for agile manufacturing an Indian experience", *International Journal of Services and Operations Management*, Vol. 11, No. 1, pp.35–48.

Mishra, S., Mahapatra, S.S. and Datta, S. (2013), "Grey-based and fuzzy TOPSIS decision-making approach for agility evaluation of mass customization systems", *Benchmarking: An International Journal*, Vol. 20, No 4, pp. 440-462.

Nanto, D.K., Cooper, W.H., Donnelly, J.M. and Johnson, R. (2011), "Japan's 2011 Earthquake and Tsunami: Economic Effects and Implications for the United States, *CRS Report for Congress*.

Narasimhan, R., Swink, M. and Kim, S.W. (2006), "Disentangling leanness and agility: An empirical investigation", *Journal of Operations Management*, Vol. 24, No. 5, pp. 440-457.

Naylor, J.B., Naim, M.M. and Berry, B. (1999), “Leagility: integrating the lean and agile manufacturing paradigms in the total supply chain”, *International Journal of Production Economics*, Vol. 62, Nos. 1–2, pp.107–118.

Ngai, E.W.T., Chau, D.C.K. and Chan, T.L.A. (2011), “Information technology, operational, and management competencies for supply chain agility: Findings from case studies”, *Journal of Strategic Information Systems*, Vol. 20, No. 3, pp. 232-249.

Nyaga, G.N., Whipple, J.M. and Lynch, D.F. (2010), “Examining supply chain relationships: do buyer and supplier perspectives on collaborative relationships differ?”, *Journal of Operations Management*, Vol. 28, No. 2, pp.101–114.

Ojha, R., Vij, A.K. and Vrat, P. (2014), “Manufacturing excellence and its critical factors”, *Journal of Advances in Management Research*, Vol. 11, No. 3, pp.312–332.

Oliver, R.L. (1993) ‘Cognitive, affective, and attribute bases of the satisfaction response’, *Journal of Consumer Research*, Vol. 20, No. 3, pp.418–430.

Opydo, D. (2013) ‘6 Reasons to Use Analytic Hierarchy Process for Collaborative Decision Making’, article published on transparent choice, <https://blog.transparentchoice.com/analytic-hierarchy-process/6-reasons-to-use-ahp-for-collaborative-decision-making>.

Oosterhout, M., Waarts, E., and Hillegersberg, J. (2010), “Assessing Business Agility: A Multi-Industry Study in the Netherlands”, *International Working Conference May 8–11, 2005, Atlanta, Georgia, U.S.A.* (pp. 275-294).

Orumie, U.C. and Ebong, D. (2014), “A Glorious Literature on Linear Goal Programming Algorithms”, *American Journal of Operations Research*, Vol. 4, pp 59-71.

Pandey, V.C. and Garg, S. (2009), “Analysis of interaction among the enablers of agility in supply chain”, *Journal of Advances in Management Research*, Vol. 6 No. 1, pp. 99-114.

Pfohl, H.C., Gallus, P. and Thomas, D. (2011), "Interpretive structural modelling of supply chain risks", *International Journal of Physical Distribution & Logistics Management*, Vol. 41, No. 9, pp. 839 – 859.

Phillips, M. (1999), “Agile manufacturing in the aerospace industry: an industrial viewpoint”, *International Journal of Agile Management Systems*, Vol. 1, No. 1, pp. 17-22.

Poduval, P.S., Pramod, V.R. and Raj V.P.J. (2015), “Interpretive structural modelling (ISM) and its application in analyzing factors inhibiting implementation of total productive maintenance (TPM)”, *International Journal of Quality and Reliability Management*, Vol. 32, No. 3, pp.308–331.

Ponomarov, S.Y. and Holcomb, M.C. (2009), "Understanding the concept of supply chain resilience", *The International Journal of Logistics Management*, Vol. 20, No. 1, pp. 124-143.

Prahalad, C.K. and Hamel, G. (1990), “The core competence of the corporation”, *Harvard Business Review*, May-June, pp. 79-91.

Prater, E., Biehl, M. and Smith, M.A., (2001), "International supply chain agility – Tradeoffs between flexibility and uncertainty", *International Journal of Operations & Production Management*, Vol. 21, Nos. 5-6, pp. 823-839.

Purvis, L., Gosling, J. and Naim, M.M. (2014), “The development of a lean, agile and leagile supply network taxonomy based on differing types of flexibility”, *International Journal of Production Economics*, Vol. 151, No. 1, pp. 100-111.

Putnik, G.D. and Putnik, Z. (2012), "Lean vs agile in the context of complexity management in organizations", *The Learning Organization*, Vol. 19, No. 3, pp. 248-266.

Qin, R., and Nembhard, D.A. (2010), "Workforce agility for stochastically diffused conditions- A real options perspective", *International Journal of Production Economics*, Vol. 125, No. 2, pp.324–334.

Rajasekaran, S. and Pai, V. (2012), "Neural networks, fuzzy logic and genetic algorithm: synthesis and applications", *Prentice Hall of India Learning Pvt. Ltd.*, New Delhi.

Rao, R.V. (2007), "Decision Making in the Manufacturing Environment Using Graph Theory and Fuzzy Multiple Attribute Decision Making Methods", *Springer Series in Advanced Manufacturing*, Springer-Verlag London Limited.

Routroy, S., Potdar, P.K. and Shankar, A. (2015), "Measurement of manufacturing agility: a case study", *Measuring Business Excellence*, Vol. 19, No. 2, pp. 1-22.

Saaty, T.L. (1980) 'The Analytic Hierarchy Process', *McGraw-Hill*, New York.

Saleeshya, P.G. and Babu A.S. (2011), "Application of goal programming to manage agility in manufacturing systems", *International Journal of Agile Systems and Management*, Vol. 4, No. 3, pp.222–237.

Saleeshya, P.G., Thampi, K.S. and Raghuram, P. (2012), "A combined AHP and ISM-based model to assess the agility of supply chain- a case study", *International Journal of Integrated Supply Management*, Vol. 7, Nos. 1/2/3, pp.167–191.

Sangari, M.S., Razmi, J. and Zolfaghari, S. (2015), "Developing a practical evaluation framework for identifying critical factors to achieve supply chain agility", *Measurement*, Vol. 62, No. 1, pp. 205-214.

Scott, C., Lundgren, H. and Thompson, P. (2011), "Guide to Supply Chain Management", Springer-Verlag Berlin Heidelberg.

Sharifi, S. and Zhang, Z. (1999), "A methodology for achieving agility in manufacturing organisations: an introduction", *International Journal of Production Economics*, Vol. 62, Nos 1-2, pp. 7-22.

Sharifi, H. and Zhang, Z. (2001), "Agile manufacturing in practice- Application of a methodology", *International Journal of Operations & Production Management*, Vol. 21 Nos 5-6, pp. 772-794.

Sharma, S.K. and Bhat, A. (2014), "Modelling supply chain agility enablers using ISM", *Journal of Modelling in Management*, Vol. 9, No. 2, pp. 200-214.

Sharp, J.M., Irani, Z. and Desai, S. (1999), "Working towards agile manufacturing in the UK industry", *International Journal of Production Economics*, Vol. 62, Nos. 1-2, pp.155-169.

Sheffi, Y. and Rice, J.B. (2005), "Building the Resilient Enterprises", *MIT Sloan Management Review*, Vol. 47, No. 1, pp. 41-48.

Sidky, A., Arthur, J. and Bohner, S. (2007), "A disciplined approach to adopting agile practices: the agile adoption framework", *Innovations in Systems and Software Engineering*, Vol. 3, No. 3, pp. 203-216.

Sohal, A.S. (1999), "Developing agile manufacturing in Australia", *International Journal of Agile Management Systems*, Vol. 1, No. 1, pp. 60-63.

Soni, G. and Kodali, R. (2012), "Evaluating reliability and validity of lean, agile and leagile supply chain constructs in Indian manufacturing industry", *Production Planning & Control*, Vol. 23, Nos. 10-11, pp. 864-884.

Soti, A., Shankar, R. and Kaushal, O.P. (2010), "Modelling the enablers of Six Sigma using interpreting structural modelling", *Journal of Modelling in Management*, Vol. 5, No. 2, pp.124–141.

Stratton, R. and Warburton, R.D.H. (2003), "The strategic integration of agile and lean supply", *International Journal of Production Economics*, Vol. 85 No. 2, pp. 183-198.

Swafford, P.M., Ghosh, S. and Murthy, N. (2006), "The antecedents of supply chain agility of a firm: Scale development and model testing", *Journal of Operations Management*, Vol. 24 No. 2, pp. 170-188.

Swafford, P.M., Ghosh, S. and Murthy, N. (2008), "Achieving supply chain through IT integration and flexibility", *International Journal of Production Economics*, Vol. 116, No. 2, pp.288–297.

Takii, K. (2007), "The value of adaptability– through the analysis of a firm's prediction ability", *Journal of Economics and Business*, Vol. 59, No. 2, pp.144-162.

Teece, D.J., Peteraf, M.A. and Leih, S. (2016), "Dynamic Capabilities and Organizational Agility: Risk, Uncertainty and Entrepreneurial Management in the Innovation Economy", *California Management Review*, Vol. 58, No. 4, pp. 13-35.

Tiwari, A.K., Tiwari, A., Samuel, C. and Bhardwaj, P. (2013), "Procurement flexibility as a tool for supplier selection in disastrous environments", *Global Journal of Flexible Systems Management*, Vol. 14, No. 4, pp.211-223.

Tseng, Y.H. and Lin, C.T. (2011), “Enhancing enterprise agility by deploying agile drivers, capabilities and providers”, *Information Sciences*, Vol. 181 No. 17, pp. 3693-3708.

Tsourveloudis, N.C. and Valavanis, K.P. (2002), “On the measurement of enterprise agility”, *Journal of Intelligent and Robotic Systems*, Vol. 33, No. 3, pp. 329-342.

Tuominen, M., Rajala, A. and Moller, K. (2004), “How does adaptability drive firm innovativeness?”, *Journal of Business Research*, Vol. 57, No. 5, pp.495–506.

Upton, D.M. (1994), “The management of manufacturing flexibility”, *California Management Review*, Vol. 36, No. 2, pp.72–89.

Vaidya, O.S. and Kumar, S. (2006), “Analytic hierarchy process: An overview of applications”, *European Journal of Operational Research*, Vol. 169, No. 1, pp.1–29.

VanHoek, R., Harrison, A. and Christopher, M. (2001), “Measuring agile capabilities in the supply chain”, *International Journal of Operations & Production Management*, Vol. 21, Nos. 1-2, pp. 126-147.

Vinodh, S. and Aravindraj, S. (2013), “Evaluation of leagility in supply chains using fuzzy logic approach”, *International Journal of Production Research*, Vol. 51, No. 4, pp. 1186-1195.

Vinodh, S. and Devadasan, S.R. (2011), “Twenty criteria based agility assessment using fuzzy logic approach”, *International Journal of Advanced Manufacturing Technology*, Vol. 54, Nos 9-12, pp. 1219-1231.

Vinodh, S., Devadasan, S.R., Reddy, V. and Ravichand, K. (2010), “Agility index measurement using multi-grade fuzzy approach integrated in a 20 criteria agile model”, *International Journal of Production Research*, Vol. 48, No. 23, pp. 7159-7176.

Vinodh, S., Devadasan, S.R., Vimal, K.E.K. and Kumar, D. (2013), "Design of agile supply chain assessment model and its case study in an Indian automotive components manufacturing organization", *Journal of Manufacturing Systems*, Vol. 32, No. 4, pp. 620-631.

Vinodh, S. and Prasanna, M. (2011), "Evaluation of agility in supply chains using multi-grade fuzzy approach", *International Journal of Production Research*, Vol. 49, No. 17, pp. 5263-5276.

Vinodh, S. and Vimal, K.E.K. (2012), "Thirty criteria based leanness assessment using fuzzy logic approach", *International Journal of Advanced Manufacturing Technology*, Vol. 60, Nos 9-12, pp. 1185-1195.

Vokurka, R.J. and Flidner, G. (1998), "The journey toward agility", *Industrial Management & Data Systems*, Vol. 98 No. 4, pp. 165-171.

Warfield, J.W. (1974), "Developing interconnected matrices in structural modelling", *IEEE Transactions on Systems Man and Cybernetics*, Vol. 4, No. 1, pp. 51-81.

Wu, Y., Angelis, J. (2007), "Achieving Agility of Supply Chain Management through Information Technology Applications", Conference on Advances in Production Management Systems (APMS 2007), September 17–19, Linköping, Sweden.

Wu, C. and Barnes, D. (2014), "Partner selection in agile supply chains: a fuzzy intelligent approach", *Production Planning & Control*, Vol. 25, No. 10, pp. 821-839.

Yadav, D.K. and Barve, A. (2015), "Analysis of critical success factors of humanitarian supply chain: an application of interpretive structural modelling", *International Journal of Disaster Risk Reduction*, Vol. 12, No. 2, pp. 213–225.

Yaghoubi, N.M. and Kord, B. (2011), "Assessing Organizational Agility via Fuzzy Logic", *International Business Research*, Vol. 4, No. 3, pp. 135-144.

Yang, Z., Ling, H., and Zhang, C. (2013), "IT-Enabled Enterprise Agility Based on Process Flexibility and Knowledge Sharing", The 19th International Conference on Industrial Engineering and Engineering Management, Springer, Berlin, Heidelberg.

Yauch, C.A. (2011), "Measuring agility as a performance outcome", *Journal of Manufacturing Technology Management*, Vol. 22, No 3, 384-404.

Yu, C.J., Wu, L., Chiao, Y. and Tai, H. (2005), "Perceived quality, customer satisfaction, and customer loyalty: the case of Lexus in Taiwan", *Total Quality Management*, Vol. 16, No. 6, pp.707–719.

Yusuf, Y.Y., Adeleye, E.O. and Sivayoganathan, K. (2003), "Volume flexibility: the agile manufacturing corundum", *Management Decision*, Vol. 41, No. 7, pp. 613-24.

Yusuf, Y.Y., Gunasekaran, A., Adeleye, E.O. and Sivayoganathan, K. (2004), "Agile supply chain capabilities: Determinants of competitive objectives", *European Journal of Operational Research*, Vol. 159, No. 2, pp. 379–392.

Yusuf, Y.Y., Sarhadi, M. and Gunasekaran, A. (1999) "Agile manufacturing: the drivers, concepts and attributes", *International Journal of Production Economics*, Vol. 62, Nos. 1–2, pp.33–43.

Zhou, L. and Nagi, R. (2002), "Design of Distributed Information Systems for Agile Manufacturing Virtual Enterprises Using CORBA and STEP Standards", *Journal of Manufacturing System*, Vol. 21, No. 1, pp. 14-31.

Zhang, D.Z. (2011), "Towards theory building in agile manufacturing strategies-Case studies of an agility taxonomy", *International Journal of Production Economics*, Vol. 131, No. 1, pp. 303-312.

Zhang, Z. and Sharifi, H. (2000), "A methodology for achieving agility in manufacturing organisations", *International Journal of Operations & Production Management*, Vol. 20, No. 4, pp. 496-513.

Zhang, Z. and Sharifi, H. (2007), "Towards Theory Building in Agile Manufacturing Strategy-A Taxonomical Approach", *IEEE Transactions on Engineering Management*, Vol. 54, No. 2, pp. 351-370.