

- Bevilacqua, M., Ciarapica, F. E., & Paciarotti, C. (2015). Implementing lean information management: the case study of an automotive company. *Production Planning & Control*, 26(10), 753-768. doi:10.1080/09537287.2014.975167
- Dennis, P. (2015). *Lean Production Simplified. A plain-language guide to the world's most powerful production system* (Third ed.). New York: Taylor & Francis Group.
- Hicks, B. J. (2007). Lean information management: Understanding and eliminating waste. *International Journal of Information Management*, 27, 233-249. doi:10.1016/j.ijinfomgt.2006.12.001
- Huttmeir, A., Treville, S. d., Ackere, A. v., & Monnier, L. (2009). Trading off between heijunka and just-in-sequence. *International Journal Production Economics*, 118(2), 501-507. doi:10.1016/j.ijpe.2008.12.014
- Martin, J. W. (2010). *Measuring and Improving Performance. Information Technology Application in Lean Systems*. New York: Taylor & Francis Group.
- Matzka, J., Mascolo, M. D., & Furmans, K. (2012). Buffer sizing of a Heijunka Kanban system. *Journal of Intelligent Manufacturing*, 23(1), 49-60. doi:10.1007/s10845-009-0317-3
- Orzen, M. A., & Paidier, T. A. (2016). *The Lean IT Field Guide: A Roadmap for your Transformation*. New York: Taylor & Francis Group.
- Pham, A. T., & Pham, D. K. (2013). *Business-Driven IT-Wide Agile (Scrum) and Kanban (Lean) Implementation. An action Guide for Business and IT Leaders*. New York: Taylor & Francis Group.
- Riezebos, J., Klingenberg, W., & Hicks, C. (2009). Lean Production and information technology: connection or contradiction? *Computers in Industry*, 60, 237-247. doi:10.1016/j.compind.2009.01.004
- Staats, B. R., Brunrr, D. J., & Upton, D. M. (2011). Lean principles, learning, and knowledge work: Evidence from a software services provider. *Journal of Operations Management*, 29, 376-390. doi:10.1016/j.jom.2010.11.005
- Sugimori, Y., Kusunoki, K., Cho, F., & Uchikawa, S. (1977). Toyota production system and kanban system materialization of just-in-time and respect-for-human system. *International Journal of Production Research*, 15(6), 553-564.
- Tapping, D. (2003). *Value stream management: eight steps to planning, mapping, and sustaining lean improvements*. New York: Productivity Press.
- Tyagi, S., Choudhary, A., Cai, X., & Yang, K. (2015). Value Stream mapping to reduce the lead-time of a product development process. *Int. J. Production Economics*, 160, 202-212.
- Vajna, Z. (2015). LEAN Tools in the IT Sector. *Expert Journal of Business and Management*, 3(2), 82-89.
- Vorne. (2017, Maio 4). *Top 25 Lean Tools*. Retrieved from Lean Production - Lean made easy by Vorne: <http://www.leanproduction.com/top-25-lean-tools.html#kanban>
- Williams, H., & Duray, R. (2013). *Making IT Lean. Applying Lean Practices to the Work of IT*. New York: Taylor & Franis Group.
- Womack, J. P., & Jones, D. T. (2003). *Lean Thinking. Banish Waste and Create Wealth in your Corporation*. New York: Free Press.
- Womack, J. (2011). *Gemba Walks*. Cambridge: Lean Enterprise Institute.

Biography

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