

- [5] Fang, K., Uhan, N., Zhao, F., Sutherland, J.W., “A new approach to scheduling in manufacturing for power consumption and carbon footprint reduction”, *J. Manuf. Syst.* 2011, 30, 234e240
- [6] FERC, “Reports Demand Response & Advanced Metering”, <http://www.ferc.gov/industries/electric/indus-act/demand-response/dem-res-adv-metering.asp> (accessed June, 2015)
- [7] Herrera, C., & Thomas, A., “Simulation of less Master Production Schedule nervousness model”. *Proceedings of the 13th IFAC Symposium on Information Control Problems in Manufacturing, Moscow, Russia, 2009*,
- [8] Inman, R. R., and Gonsalvez, D. J., “The causes of schedule instability in an automotive supply chain”, *Production and Inventory Management Journal*, 38(2), 1997, 26–32.
- [9] Jones, P, “Flight Catering”, 2nd edition, 2004, *Elsevier Butterworth-Heinemann*
- [10] Kris M.Y. Law, “Airline catering service operation, schedule nervousness and collective efficacy on performance: Hong Kong evidence”, *The Service Industries Journal*, 31:6, 959-973
- [11] Kadipasaoglu, S., and Sridharan, “Alternative approaches for reducing schedule instability in multistage manufacturing under demand uncertainty”, *Journal of Operations Management*, 13, 1995, 193–211
- [12] Lennart Merkert, Iiro Harjunkoski, Alf Isaksson, Simo Säynevirta, Antti Saarela and Guido Sand, “Scheduling and energy – Industrial challenges and opportunities”, *Computers & Chemical Engineering*, 72, 2015, 183-198
- [13] Narayanan. Arunachalam, “Improved formulations, heuristics and metaheuristics for the dynamic demand coordinated lot-sizing problem”, *Doctoral dissertation*, 2006, Texas A&M University.
- [14] Pujawan I.N, “Schedule nervousness in a manufacturing : a case study”, *Production Planning and Control*, 15(5), 2004, 515-524.
- [15] Pujawan, I.N, “Schedule instability in a supply chain: an experimental study”, *Int. J. Inventory Research*, Vol. 1, No. 1, 2008, pp.53–66
- [16] Robinson, E. Powell, Funda Sahin and Li-Lian Gao, “Master Production Schedule Time Interval Strategies in Make-to-Order Supply Chains”, *International Journal of Production Research*, Vol. 46, No. 7, 2008, 1933-1954
- [17] Sana Belmokhtar, Carlos Herrera and Andre Thomas, “A general approach for hierarchical production planning considering stability”, *3rd International Conference on Information Systems, Logistics and Supply Chain - Creating value through green supply chains*, 2010, Morocco.
- [18] Shrouf, F., Ordieres-Meré, J., García-Sánchez, A., & Ortega-Mier, M., “Optimizing the production scheduling of a single machine to minimize total energy consumption costs”, *Journal of Cleaner Production*, 2014, 67, 197-207
- [19] Sivadasan, Suja, Smart, Janet, Huaccho Huatuco, Luisa and Calinescu, Ani, “Reducing schedule instability by identifying and omitting complexity-adding information flows at the supplier–customer interface”, *International Journal of Production Economics*, 2013, 145 (1). pp. 253-262.
- [20] Sridharan, S. V., & Berry, W. L. “Master production scheduling, make-to-stock products: a framework for analysis”, *International Journal of Production Research*, 1990, 28, 541–558
- [21] Sridharan, S., W. Berry, and V. Udayabhanu, “Measuring master production schedule stability under rolling planning horizons”, *Decision Sciences*, 19(1), 1988, 147–166
- [22] Sridharan, V., and laforge, R. L., “The impact of safety stock on schedule instability, cost, and service”, *Journal of Operations Management*, 8(4), 1989, 327–347
- [23] Sridharan, V. and R.L. LaForge, “An analysis of alternative policies to achieve schedule stability”, *Journal of Manufacturing and Operations Management*, vol. 3, no. 1, Spring, 1990, pp.53-73.
- [24] Tunc, H., Kilic, O.A., Tarim, A.S., Eskioglu, B, “A simple approach for assessing the cost of system nervousness”, *International Journal of Production Economics*, 2013, 141, 619–625
- [25] Xie, J., T. Lee, and X. Zhao, “Impact of forecasting error on the performance of capacitated multi-item production systems”, *Computers & Industrial Engineering*, 46(2), 2004, 205–219.
- [26] Xie, J., X. Zhao, and T. Lee, “Freezing the master production schedule under single resource constraint and demand uncertainty”. *International Journal of Production Economics*, 2003, 83(1), 65–84.
- [27] Yildirim, M.B., Mouzon, G., “Single-machine sustainable production planning to minimize total energy consumption and total completion time using a multiple objective genetic algorithm”, *IEEE Transactions on Engineering Management*, 2011, pp. 1-13.
- [28] Zhao, X., Lai, F. and Lee, T.S, “Evaluation of safety stock methods in multilevel materials requirements planning (MRP) systems”, *Production Planning and Control*, 2001, Vol. 12, No. 8, pp.798–803.
- [29] Zhao, X and Lam, K, “Lot-sizing rules and freezing the master production schedule in material requirement planning systems”, *International Journal of Production Economics*, 1997, 53, 281–305.

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