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Alexandros Diamantidis is an Associate Professor in Quantitative Methods in Management at the School of Economics of Aristotle University of Thessaloniki. He holds a PhD in the Analysis of Manufacturing systems with linear and non linear flow of material from the University of the Aegean, an MSc in the analysis of Job Shop models from Dublin City University and a BSc in Mathematics from the University of the Aegean. His research interests include among others the modeling and optimization of manufacturing systems, modeling and optimiazation of the Supply Chain and analysis of service management systems. He has published research papers in various academic Journals including IIE Transactions, International Journal of Production Researc, European Journal of Operational Research, Computers and Industrial Engineering and in many international conferences. He is referee to many leading International scientific Journals. .

## *Selected Publications*

1. G.A Kechagias, A.C. Diamantidis, S. Koukoumialos and C.T. Papadopoulos. (2025), Evaluating the performance of a two stage serial production line with parallel unreliable non-identical deteriorating machines and an intermediate buffer of finite capacity, Computers & Industrial Engineering, vol 210 https://doi.org/10.1016/j.cie.2025.111520

2. A.C. Diamantidis, S.I. Koukoumialos and M.I. Vidalis (2016), Performance evaluation of a push–pull merge system with multiple suppliers, an intermediate buffer and a distribution centre with parallel machines/channels, *International Journal of Production Research (IJPR),* 54(9)*,* pp 2628-2652.

3. Varlas G., Vidalis M., Koukoumialos S., and Diamantidis A., (2021) "Optimal inventory control policies of a two-stage push– pull production inventory system with lost sales under stochastic production, transportation and external demand", *TOP-An Official Journal of the Spanish Society of Statistics and Operations Research,* 29, pp. 799-832.

4. Michael Vidalis, Stelios Koukoumialos, Alexandros Diamantidis and George Blanas, (2022), Analysis of a two echelon supply chain with merging suppliers, a storage area and a distribution center with parallel channels, *Operational Research an International Journal,* 22, pp.703-740