

PUBLICATIONS et communications DE L'EQUIPE

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- Elkosantini, S., Hajri-Gabouj, **S., Darmoul, S.**, Kacem, R. B., Ammar, A., Elouadi, A., Ghrairi, Z., Moalla, N., Bentaha, M. L., & Sarraipa, J. (2023). Industrial needs v. Engineering education curricula related to maintenance, production and quality in industry 4.0: A gap analysis case study in Tunisia and Morocco. *Industry and Higher Education*, 0(0). <https://doi.org/10.1177/09504222231153782>
- **Mohamed Nezar Abourraja**, Naoufal Rouky, Maksims Kornevs, Sebastiaan Meijer, Nicole Kringos, "A simulation-based decision support framework devoted to Ro-Ro terminals: Design, implementation and evaluation", *Computers & Industrial Engineering*, Volume 180, June 2023, 109248.

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- **A Attajer, S Darmoul, S Chaabane, Y Sallez, F Riane**, An analytic hierarchy process augmented with expert rules for product driven control in cyber-physical manufacturing systems, *Computers in Industry* 143, 103742, 2022
- **FE Achamrah, F Riane**, E Sahin, S Limbourg, An Artificial-Immune-System-Based Algorithm Enhanced with Deep Reinforcement Learning for Solving Returnable Transport Item Problems, *Sustainability* 14 (10), 5805, 2022
- **FE Achamrah, F Riane**, C Di Martinelly, S Limbourg, A matheuristic for solving inventory sharing problems, *Computers & Operations Research* 138, 105605, 2022.
- **FE Achamrah, F Riane**, S Limbourg, Spare parts inventory routing problem with transshipment and substitutions under stochastic demands, *Applied Mathematical Modelling* 101, 309-331 2, 2022.

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- **Achamrah F.E, Riane F.** and Limbourg S. (2021), Solving Inventory Routing with Transshipment and Substitution under Dynamic and Stochastic Demands using Genetic Algorithm and Deep Reinforcement Learning., *International Journal of Production Research* (Q1, IF=8.56). 2021.
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- Ali Ahmad, Mageed Ghaleb, **Saber Darmoul**, Mohammed Alkahtani, Shatha Samman, (2021). A combined multitasking performance measure involving sequential and parallel task executions. *Cognition, Technology & Work*, 23, pages 131–142, Springer, <https://doi.org/10.1007/s10111-019-00615-x> (Q1, ISI, 2019 JCR Impact Factor: 1.206).

2020

- Mohamed M. Mabkhot, **Saber Darmoul**, Ali M. Al-Samhan, Ahmed Badwelan, (2020), A Multi-Criteria Decision Framework Considering Different Levels of Decision-Maker Involvement to Reconfigure Manufacturing Systems. *Machines* (ISSN 2075-1702; CODEN: MACHCV) 2020, 8(1), 8; <https://doi.org/10.3390/machines8010008> (ISI, 2018 Scopus CiteScore: 1.63).
- Mohammed Alkahtani, Mustufa Haider Abidi, Ali Ahmad, **Saber Darmoul**, Shatha Samman, Mageed Ghaleb, (2020), Human Interruption Management in Workplace Environments: An Overview.

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- A Sabiri, **F Riane**, S Limbourg, “Effective Covering of Supplied Nanostores in Emerging Cities”, in Optimization in Large Scale Problems, editors Mahdi Fathi et al., Springer Optimization and Its Applications book series, 329-340, 2019.
- Mohamed M. Mabkhot, Sana Kouki Amri, **Saber Darmoul**, Ali M. Al-Samhan, Sabeur Elkosantini, (2020), An ontology based multi-criteria decision support system to reconfigure manufacturing systems. IJSE Transactions, Volume 52, Issue 1, Pages 18-42, <https://doi.org/10.1080/24725854.2019.1597317> (ISI, 2019 JCR Impact Factor: 1.579).
- **Belil, S.**, Rakiz, A., Retmi, K., (2019). An Integrated Approach for Supply Chain Tactical Planning and Cash Flow Valuation. APMS 2019, Advances in Production Management System. Towards Smart Production Management Systems, Part II, pp. 57-83, DOI: http://dx.doi.org/10.1007/978-3-030-29996-5_9