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- [14] K. Tracht, L. Funke, D. Scheneider, "Varying Repair Capacity in a Repairable Item System," *Procedia CIRP*, vol. 17, pp. 446-450, 2014.
- [15] A. Sleptchenko, M.C. Van der Heijden, and A. van Harten, "Trade-off between inventory and repair capacity in spare parts networks," *Journal of Operations Research Society*, vol. 54, pp. 263-272, 2003.
- [16] A. Diabat and J. Richard, "A Lagrangian relaxation approach to simultaneous strategic and tactical planning in supply chain design," *Annals of Operations Research*, vol. 203, pp. 55-80, 2011.
- [17] G. Nenes, S. Panagiotidou and R. Dekker, "Inventory control policies for inspection and remanufacturing of returns: A case study," *International Journal of Production Economics*, vol. 125, pp. 300-312, 2010.

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