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A survey on the inventory-routing problem with stochastic lead times and demands

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Highlights

- We review of papers working with stochastic demand and stochastic lead times focusing on its stochastic and multi-depot aspects
- We identify critical factors for the performance of many logistics activities and industries.
- We have shown that studying the behavior of the demand and the lead time are essential in order to achieve a useful representation of the system to take proper decisions.
- We highlight some characteristics and solution methodologies for multi-depot problems, most of which borrow ideas from the vehicle routing literature and adapt them to consider inventory management.