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Optimal replenishment under price uncertainty

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Highlights

- The replenishment problem is an extension of the online time series search problem.
- Reservation price algorithms can be adapted to the a-priori given in- formation.
- We answer the question how much to order at the optimal point in time.
- The decision making of our algorithms is explored experimentally on crude oil prices.
- The price variation range is sufficient to solve the online replenishment problem optimally.

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