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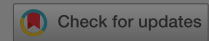
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NPV approach to material requirements planning theory - a 50-year review of these research achievements

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control, risk evaluation, and agile rescheduling in the framework of Industry 4.0. The overview includes the canon of Grubbström's work to be used as a reference for researchers, who are aware of the importance of correct and accurate timing for the economic evaluation of technical systems. It also underlines an open question: Can this approach support the development of more transparent and resilient financial systems for financing global inventories?

Keywords: MRP theory Laplace transforms production distribution inventories global supply chain time delays lead time annuity stream Net Present Value

Disclosure statement

No potential conflict of interest was reported by the authors.

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