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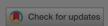
Articles

Vendor-managed inventory with consignment stock agreement for single vendor-single buyer under the emission-trading scheme

Simone Zanoni , Laura Mazzoldi & Mohamad Y. Jaber

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traditional JELS model for a classic two-level supply chain. Results show that the

performance of the system is better when it is operated under a VMI with CS agreement, which is capable of reducing the traditional inventory holding costs and, for some values of given parameters, the GHG emissions tax and penalty costs.

Keywords:

JELS consignment stock emissions tax emissions penalty variable production rate

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