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Flexible kanbans to enhance volume flexibility in a JIT environment: a simulation based comparison via ANNs


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Abstract

Kanbans system. T production
satisfact not work
mechan control
and back inventory
by (Huss as proposed
flexi nance volume
(2), 655 mics, 104
number determine the
inventor tal
proposed method
for the c the results
simulation study using artificial neural networks (ANNs). The main aim of this paper is

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to show the cost advantage for Hussein et al.'s method over the conventional method in fluctuating demand situations, and especially to prove that simulation via ANNs ensures a simplified representation for this method and is time saving.

Keywords: [just-in-time](#) [kanban](#) [flexibility](#) [volume flexibility](#) [artificial neural networks](#)

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