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Collana	Wissenschaftliche Berichte des Instituts für Fördertechnik und Logistiksysteme des Karlsruher Instituts für Technologie
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Sommario/riassunto	This work examines the causes and consequences of volatility in the regular processes of a logistic network. On the basis of the findings, a concept for cooperative planning and control using software agents is proposed and evaluated in a simulation environment in comparison to a sequence control based on the FIFO principle. The focus is on examining the effectiveness of a dynamic urgency assessment for prioritizing orders.