

# **Fairness and Allocation of Cooperation Benefits in the Supply Chain**

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## **Abstract**

Supply Chains are becoming more and more important, as globalisation demands increasing reaction times in companies. Such economical changes, on the one hand, require companies to adapt to their environment, on the other hand, require them to fulfil their needs collectively.

Emergence and stability of cooperation depend on the allocation of collectively created benefits. This bachelor's thesis investigates mechanisms how fairness can be ensured in the allocation of collectively created cooperation benefits (i.e. cost savings). Thus, fairness is defined and conditions are derived in which a given economic behaviour is deemed to be fair. Based on behavioural psychology, game theory, and economic practice, mechanisms for the allocation are derived and evaluated. Finally, a practice-oriented approach as well as a game-theoretic approach are described.

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