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A comparative study on production ramp-up: state-of-the-art and new challenges

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Abstract

In the context of globalisation, the companies are urged to innovate the products and the services they provide to their customers, in order to keep their competitive edge. New product introduction in an already existing production environment generates numerous perturbations to handle in the supply chain and operations management during the production ramp-up. The purpose of this article is to present a thorough state of the art on the production ramp-up. Different overviews of the research body are given: comparing definitions, characteristics and problems of the ramp-up phase, classifying research papers according to their industrial context and organising them in different classifications (by keywords, focus extent ...). Interesting issues that could be addressed in future research about the production ramp-up phase are identified.

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