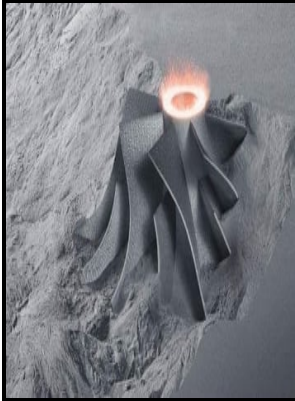


# Aspects of decision making for metal powder production.

University of Aston. Department of Production Technology and Production Management - Foundations Of Decision Making



Description: -

-Aspects of decision making for metal powder production.

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Notes: Thesis (PhD) - University of Aston in Birmingham, 1982.

This edition was published in 1982



Filesize: 33.76 MB

Tags: #Decision #making #in #production

## Decision making in production

Other BWM studies have not discussed the influence of a varying number of factors per subcategory. However, on average, the GPMS-LPPT decision strategy set presented the best performance for all 20 problems both in APT 129.

## A dynamic order acceptance and scheduling approach for additive manufacturing on

The furnace heats components evenly to ensure a high-quality product that meets expected tolerances.

## The benefits of additive manufacturing for sustainable design and production

The level of detail was reduced by combining quality, material consumption, production time and user friendliness into relative technological performance.

## Use of Mathematical Models in a Mechanical Metal Industry to Improve Production Planning and Control: Business & Management Book Chapter

This revealed new, other than cost-related priorities and increased the understanding of the factor prioritization.

## Machine Learning

Alternative technologies of AM differ per market niche and hence the relative performance of AM compared to alternative technologies also differs per niche. If you find that it is not working out, you can then move on to the next choice on your list.

## A dynamic order acceptance and scheduling approach for additive manufacturing on

The report is categorised into products, types, applications, end-user, geographical analysis, drivers, restraints, competitive landscape, recent developments, takeaways from the report, etc.

#### **A carbon efficiency evaluation method for manufacturing process chain decision**

A part order only can be considered for scheduling if the sum of its arrival and the completion time of the AM job to process this part are no later than the promised due date for this part order. Performance of decision strategies The performance of various decision strategies proposed in Section is evaluated by comparing their schedule results with the best and the worst schedule results obtained with RDM decision strategy.

## Related Books

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