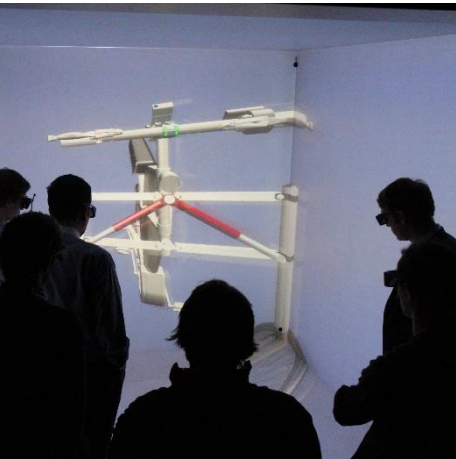


Study of the limits of functional modeling in the system engineering field

Master's thesis (30 LP)



Description

Functional modeling is one of the fundamental steps in product design. With functions and functional models, it is possible to describe all actions and processes of a product, build logical connections between activities and identify key functional flows.

Tasks

- Literature study of functional modeling techniques and methodologies
- Describe the work of functions and describe the processes of designing functional flows
- Describe the capabilities of the functions and functional model, find gaps and define limits

Requirements

- Fundamental understanding of product design phases and product modelling
- Good system architecture thinking
- Self initiative, independence and analytical skills

Contact

Anton Dybov
Tel.: +49 30 39006-471
E-Mail: dybov@tu-berlin.de

Work language: English

