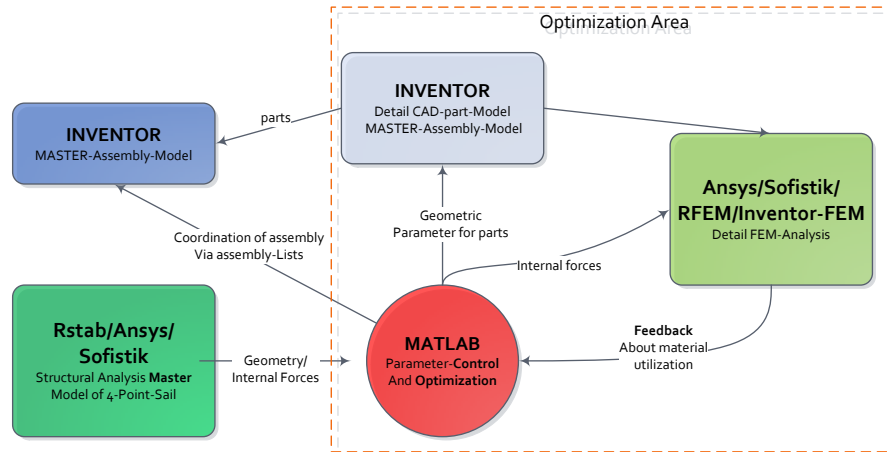


Coupling parametric modeling with analysis and optimization methods



Project Characteristics

Modeling: ★★☆☆☆
 Mathematics: ★★☆☆☆
 Programming: ★★★★★



Task

The thesis will include the following tasks:

- Getting familiar with model parameters and CAD-API programming
- Getting familiar with optimization methods
- Develop a software tool that enables to export / import the information into MATLAB
- Develop examples for optimization of cable-structure-Details
- Develop an automatic list-based assembly-tool for Inventor

