Institut für Zuverlässige Mechatronische Systeme (ZMS)



Optimization of an active knee orthosis

The need for innovative medical devices for lower limb rehabilitation is growing. The ZMS is working on the research for Exoskeletons and active Orthoses. As part of the research, we develop a Legsimulator for human gait activities.

Objectives and Tasks:

- Identification of components that can be optimized
- Development of optimization concepts
- Implementation of optimizations to the active knee orthosis
- Verification of the implemented optimizations



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