

Control Concepts for Legsimulator Testbench

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:

- Research and Development of capable control concepts for the Legsimulator drives
- Implementation of different control concepts in the Legsimulator Testbench
- Verification of implantation via testing at different gait activities
- Comparison of the different control concepts

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