MaTh: Test Concept for Environmental Perception of Automated Vehicles

Testkonzept für die Umfeldwahrnehmung

Task description in English

For the use of a demo vehicle in public road traffic within the research project PRORETA 5, it is necessary to develop a test concept that proves the safety of the system. Within the scope of this work, a methodology for the definition of safety requirements for the perception of the environment of an automated vehicle is to be developed, with the help of which a test layout for testing the functions of this module is derived.

Task Details

- Research on existing methods for test specification
- Determination and analysis of the relevant influencing variables
- Derivation of a Test Layout including concrete Test Cases

Requirements

- Independent and structured way of working
- Motivation and reliability

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