TUΠ

Forschungspraxis

Robotic Grasp Planning Assistance with Augmented Reality

In this project, we will use augmented reality to plan robotic grasping with human assistance. The user should be able to describe the pre-grasp position & orientation with respect to an object, finger touch positions on the object, and the grasping style. The user interaction should be as simple and informative as possible.

Prerequisites

- Basic knowledge of digital signal processing / computer vision
- Experience with ROS, C++, Python.
- Experience with Artificial Neural Network libraries or motivation to learn them
- Motivation to yield a successful work

Contact

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Advisors

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