

Cyber-Physical Systems Seminar

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Path Planning Methods Based on the Experiences

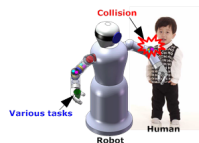
- Given
 - Manipulator specifications
 - Obstacles' positions
- Aim
 - Obtaining the possible trajectories using machine learning methods
- Tasks
 - Literature review/reading papers about different machine learning techniques used in Robotics
 - Implementing one or more
 - Comparison of the techniques



(<http://de.schunk.com>)

Fast and Accurate Collision Detection Algorithms for Manipulators

- Given
 - Manipulator specifications
 - Obstacles' positions
- Aim
 - Comparison of the collision avoidance algorithms in terms of accuracy and time-efficiency
- Tasks
 - Literature review/reading papers about different collision avoidance algorithms
 - Implementing one or more
 - Comparison of the techniques



(<http://robotics.korea.ac.kr/>)



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INTERESTED?

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