



## Mechanics of Robots and Design of Service Robots

## **Research Topics**

- Analysis of robot manipulation
- Kinematics and dynamics of robots
- Design of mechanisms for robots
- Design of service robots
- Design of medical devices
- Grasping, grippers and hands
- Experimental testing of robots
- Locomotion and legged mobile robots
- Parallel manipulators
- Exoskeleton mechanisms
- Design of humanoid robots
- History of mechanisms and machines



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