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Sliding-mode robotic manipulators and mobile robots control

- CHAPTER 1. Basic Concepts of Nonlinear Control Theory
- CHAPTER 2. Design of Single- Input Single – Output Nonlinear Control Systems
- CHAPTER 3. Sliding-Modes for the Output-Feedback Control of Nonlinear Uncertain Systems
- CHAPTER 4. Sliding-Mode Observer and Controller for Nonlinear Systems
- CHAPTER 5. Sliding-Mode Rigid Links, Rigid or Flexible Joints Robotic Manipulators Control
- CHAPTER 6. Wheeled Mobile Robot Path Following Nonlinear Control
- CHAPTER 7. Path Following Control of Wheel Chair Mobile Robots in Presence of Uncertainties
- CHAPTER 8. Trajectory Tracking Sliding-Mode Control of Nonholonomic Wheeled Mobile Robots