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Active Control Modelling and Control
Modelling and Control of Flexible Manufacturing
Design for Additive Manufacturing

Overview of the System

Overview of the system architecture and the main components of the system.

System Architecture

- Control System
- Actuator
- Plant
- Sensor

Control System

The control system is implemented in a digital controller (e.g., PLC or microcontroller) and is responsible for the generation of the control signals.



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Actuator

The actuator is responsible for the generation of the control signals and is implemented in a digital controller (e.g., PLC or microcontroller).

Plant

The plant is the system to be controlled and is implemented in a digital controller (e.g., PLC or microcontroller).

Sensor

The sensor is responsible for the measurement of the system output and is implemented in a digital controller (e.g., PLC or microcontroller).

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