Presentation of Master's Thesis

Investigation of Control Approaches for a High Precision, Piezo-actuated Rotational Stage

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Introduction

Purpose

Goal

Sections group slides of the same topic

\section{Elements}

for which metropolis provides a nice progress indicator . . .

Challenges

Method

System Overview

Crystal Collimators

The theme provides sensible defaults to *emphasize* text, accent parts or show **bold** results.

Rotational stage

- Regular
- Italic
- SMALLCAPS
- Bold
- Bold Italic
- Bold SmallCaps
- Monospace
- Monospace Italic
- Monospace Bold
- Monospace Bold Italic

Modeling

Present Control Approach

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n$$

Approaches and Simulation Results

Integral Resonance Control

Model Reference Adaptive Controller

Harmonic Cancellation

Comparison

Implementation

Setup

Experimental Results

Conclusion

Simulation Results

Experimental Results

Summary



References I