

# **Simscape Model - Micro Station**

Dehaeze Thomas

October 30, 2024

# Contents

1	Micro-Station Kinematics	4
2	Stage Modeling	5
3	Measurement of Positioning Errors	6
4	Simulation of Scientific Experiments	7
5	Estimation of disturbances	8
6	Conclusion	9

**Table 1:** Report sections and corresponding Matlab files

<b>Sections</b>	<b>Matlab File</b>
Section ??:	ustation_1.m

# 1 Micro-Station Kinematics

<file:///home/thomas/Cloud/work-projects/ID31-NASS/matlab/nass-simscape/org/kinematics.org>

## 2 Stage Modeling

# 3 Measurement of Positioning Errors

<file:///home/thomas/Cloud/work-projects/ID31-NASS/matlab/nass-simscape/org/kinematics.org>

## 4 Simulation of Scientific Experiments

## 5 Estimation of disturbances



## 6 Conclusion