

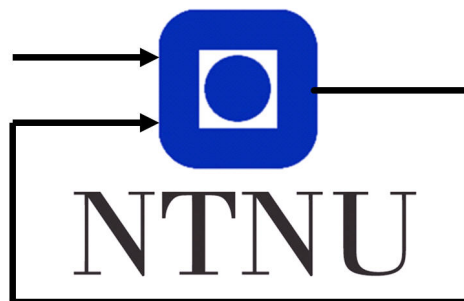
# LaTeX Lab Report Template

Group 42

Martin Albertsen Brandt

Martin Eek Gerhardsen

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Department of Engineering Cybernetics

## **Abstract**

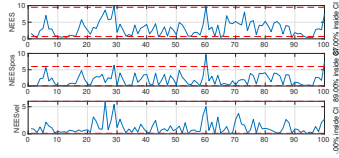
This report will highlight and discuss the results of the three graded assignments for the course TTK4250 Sensor Fusion. The code implemented was tested and tuned for both simulated and real datasets.

## Contents

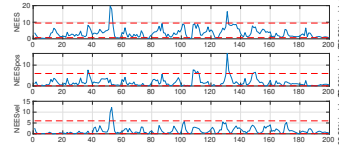
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# 1 Introduction

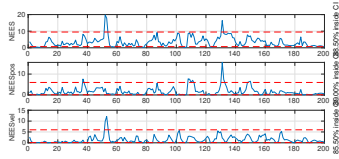
## 2 Graded Assignment 1



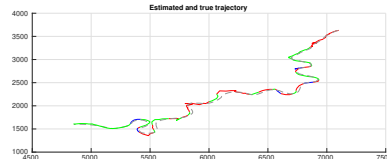
(a) NEES for simulated data



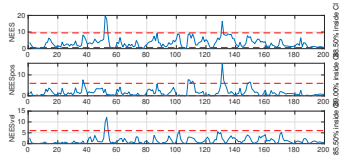
(b) NEES for Joyride



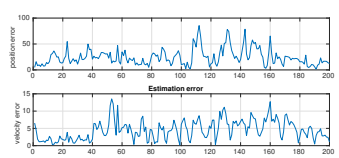
(c) Estimated trajectory for simulated data



(d) Estimated trajectory for Joyride



(e) Errors for simulated data



(f) Errors for Joyride

### 3 Graded Assignment 2

## 4 Graded Assignment 3

## 5 Conclusion