Lab 2 Report

NB: Report must be submitted as a PDF document

Introduction (6 marks)

* Same as the previous lab, we expect a statement of the problem, the identification of the methods used, and of the applications tested.
* A description of EPC and weak nx1, these do not need to be repeated for both sections

# Part One –Drone program (32 marks)

**Q1** : An explanation of the application under test, they should describe the problem that is being tested:

**Answer**:

**Q2**: The error in the application should be identified, and some possible explanations given. (3 marks if missing)

**Answer**:

**Q3**: Subdomain drawing

**Answer**:

**Q4**: Discuss the effectiveness of the testing methods used

**Answer**:

**Q5** : Test Cases Table:

**Answer**:

# Part 2 – Remote Car Program (32 marks)

**Q1**: explanation of the application under test, and a description of the problem

**Answer**:

**Q2**: Line segment equations

**Answer**:

**Q3**: A discussion regarding the results. You should comment on the effectiveness of the subdomain approximation, and comment on how this affected a) your test case choices and b) the test case results. This should answer the questions in the lab assignment regarding how the approximation would be affected with more lines and how that would affect the number of test cases.

**Answer**:

**Q5** : Test Cases Table :

**Answer**:

# Conclusion and discussion (6 marks)

* Same as previous lab, we expect them to sum up what methods were used, what errors they discovered, and what applications were tested
* we expect a discussion on the effectiveness of the testing methods used, we would like to see comments on:
  + How well EPC works, is it worth the effort?
  + How efficient are the two testing methods?
  + Does weak nx1 do a good job of finding errors?
  + Comments on the difficulties of coming up with test cases for both methods