

# Laboratory Report

Interpolating the elevations into a higher resolution digital elevation matrix  $M$  given a lower resolution digital elevation matrix  $N$

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## 1 Introduction

## 2 Objectives

The goal for this exercise is the following:

- to determine the average running time and time complexity of the computer program for interpolating the elevation of an  $n \times n$  square matrix.
- to figure out ways to further improve the average running time of the computer program.

## 3 Methodology

## 4 Results and Discussion

## 5 Conclusion

## 6 References

## 7 Appendices