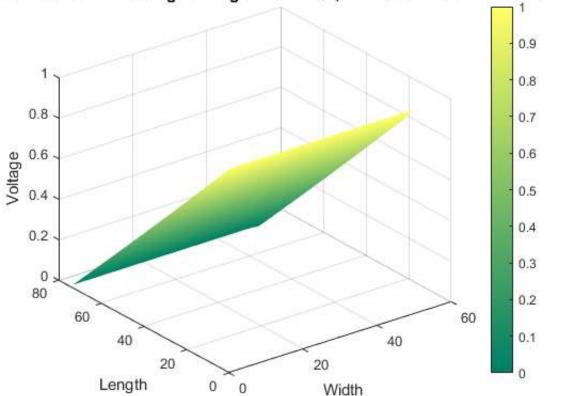
## **Contents**

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- Question 2
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- PART C: Varying the bottleneck to see how it changes the current
- PART D: Varying the conductivity to see how it changes the current
- % ELEC 4700 Assignment 2
- % Andrew Branicki 100973961
- % February 24, 2019

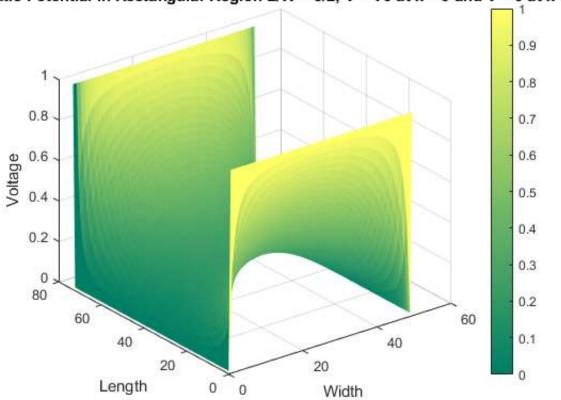
## **Question 1**

part\_1;



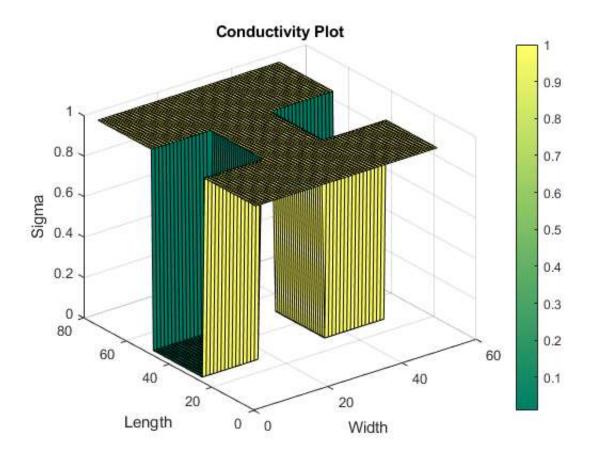


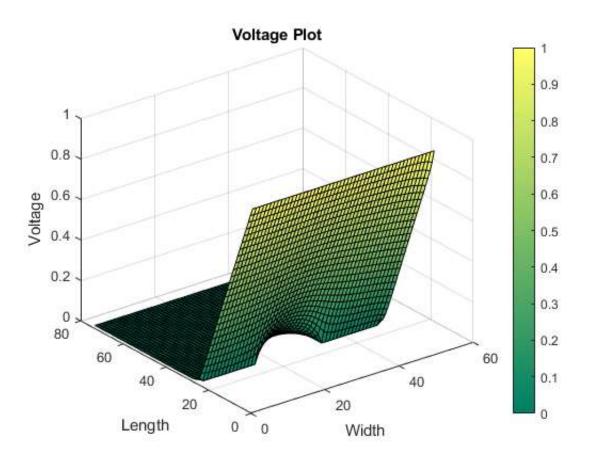
## tatic Potential in Rectangular Region L/W = 3/2; V = V0 at x = 0 and V = 0 at x = L

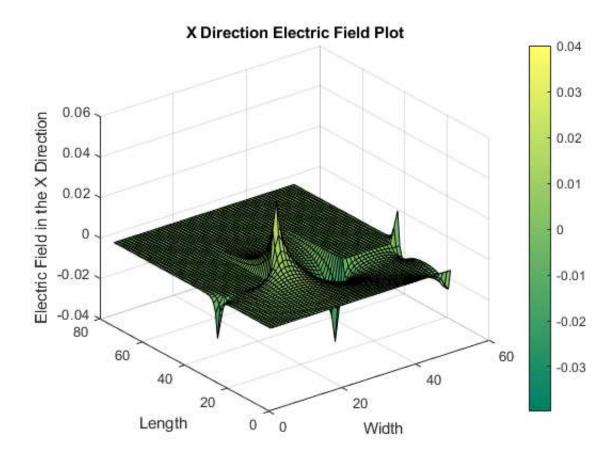


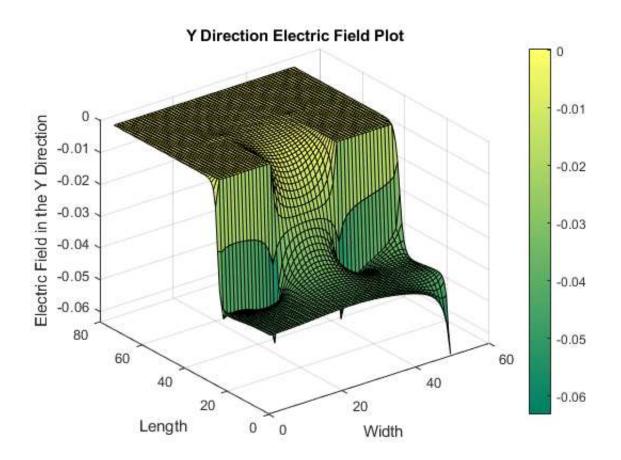
## Question 2

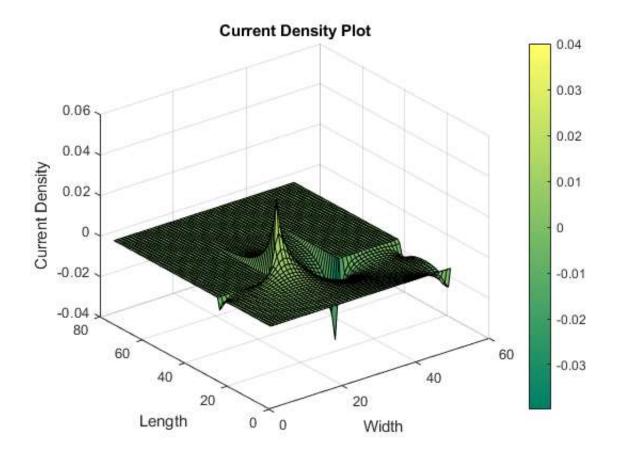
part\_2;





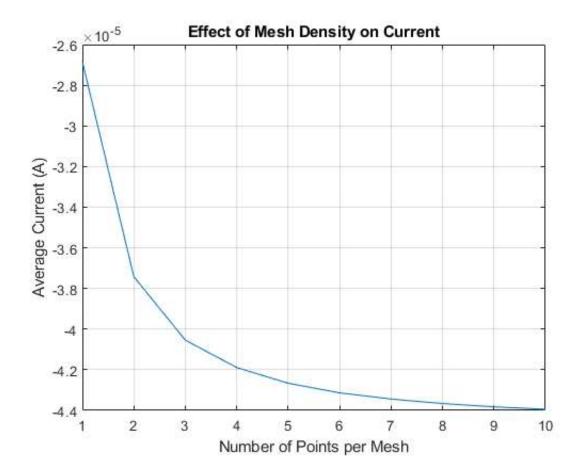






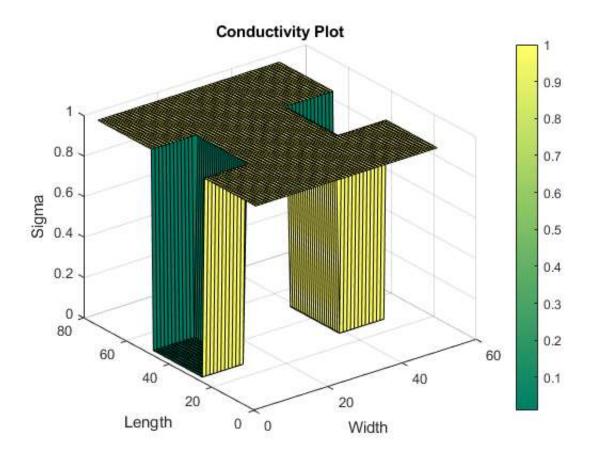
PART B: Varying the mesh density to see how it changes the current

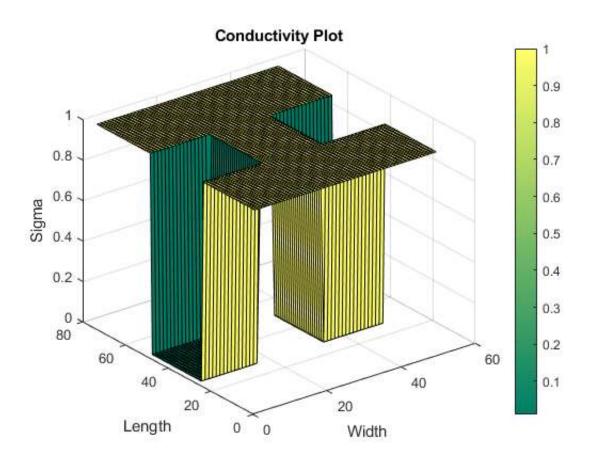
part\_2\_mesh;

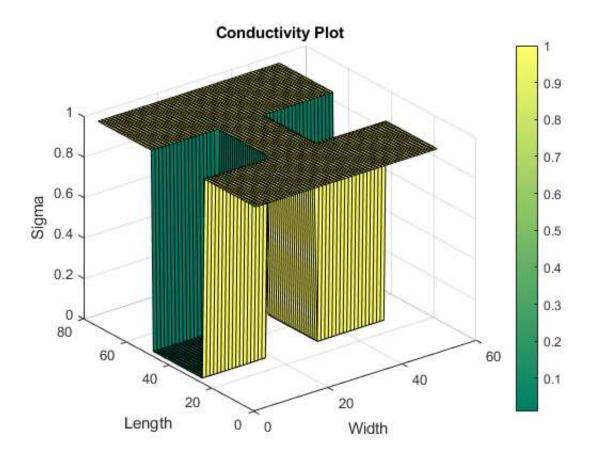


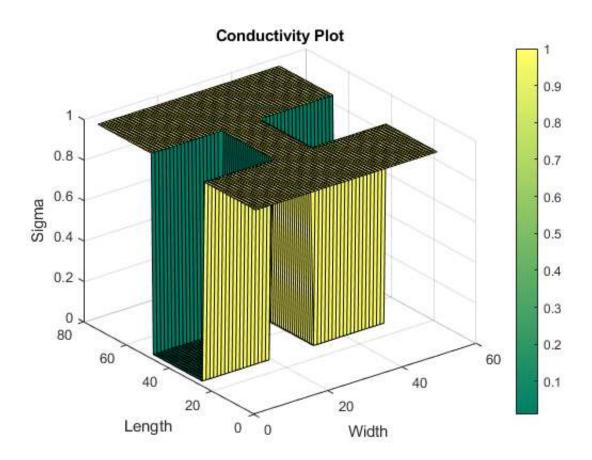
PART C: Varying the bottleneck to see how it changes the current

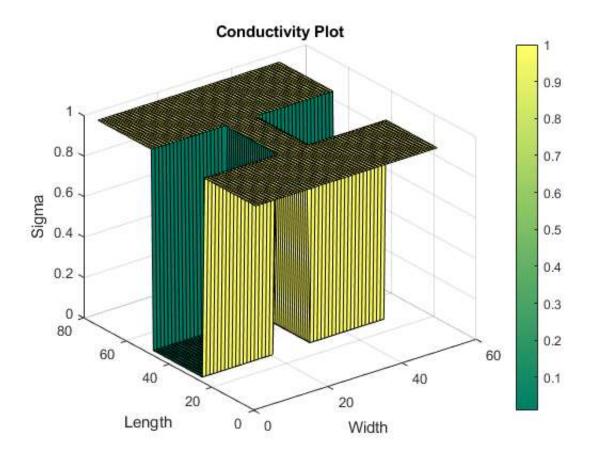
part\_2\_narrow;

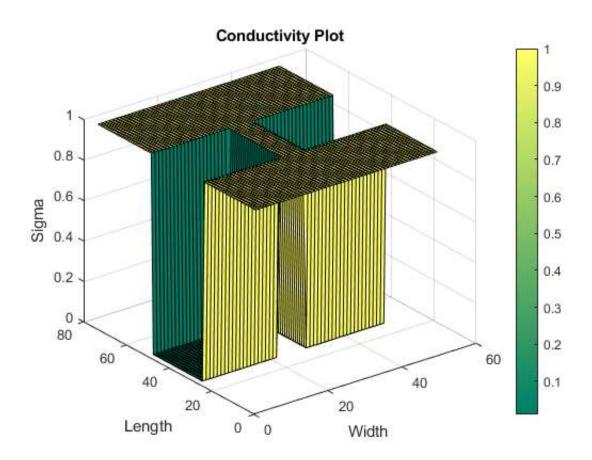


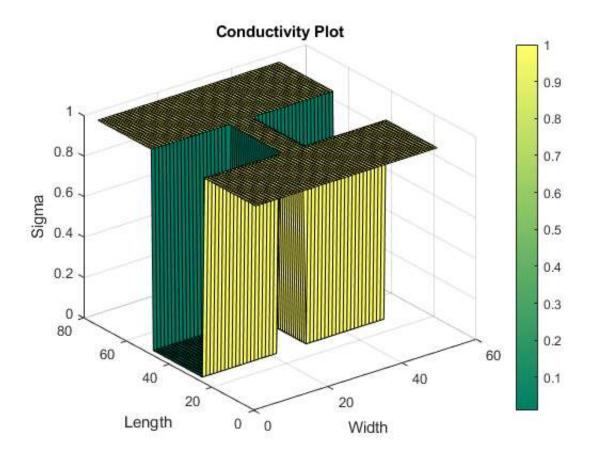


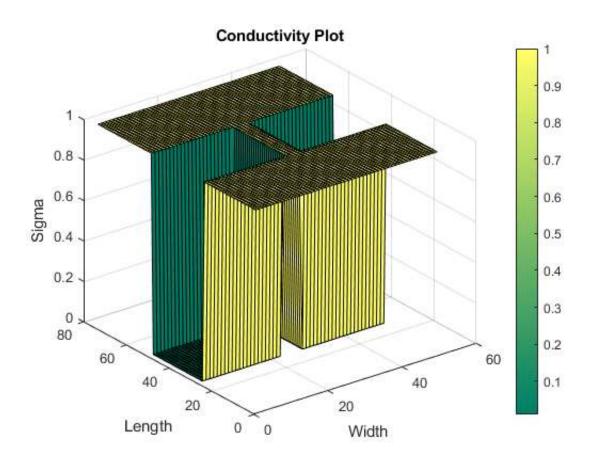


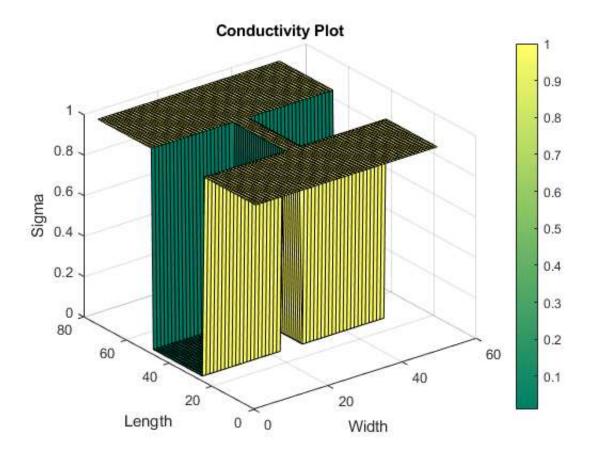


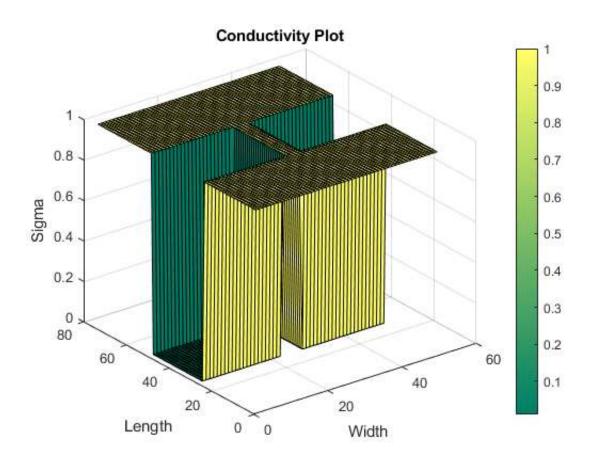


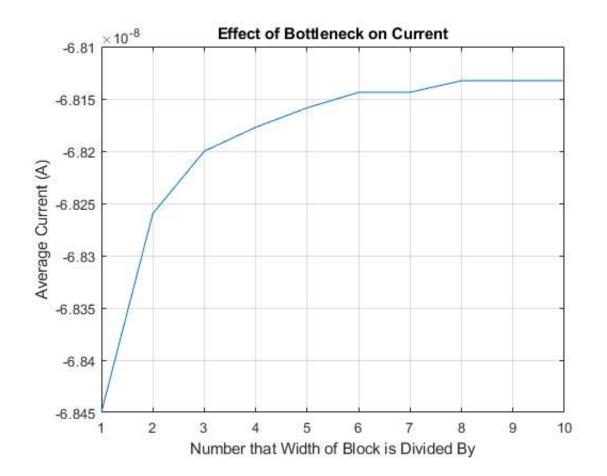






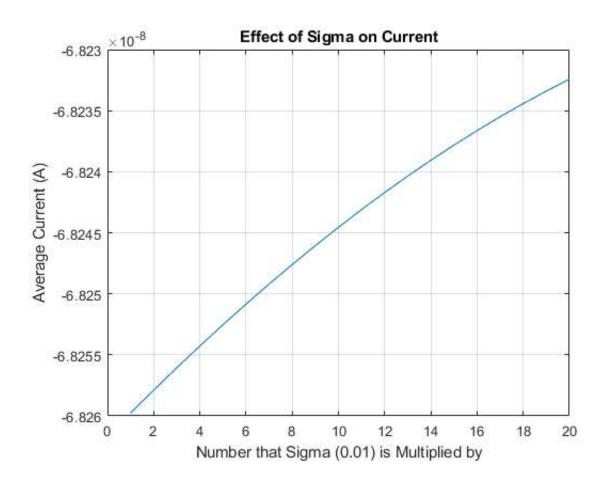






PART D: Varying the conductivity to see how it changes the current

part\_2\_sigma;



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