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ELEC 4700 Assignment 2

ELEC 4700 Assignment-2 Finite Difference Method

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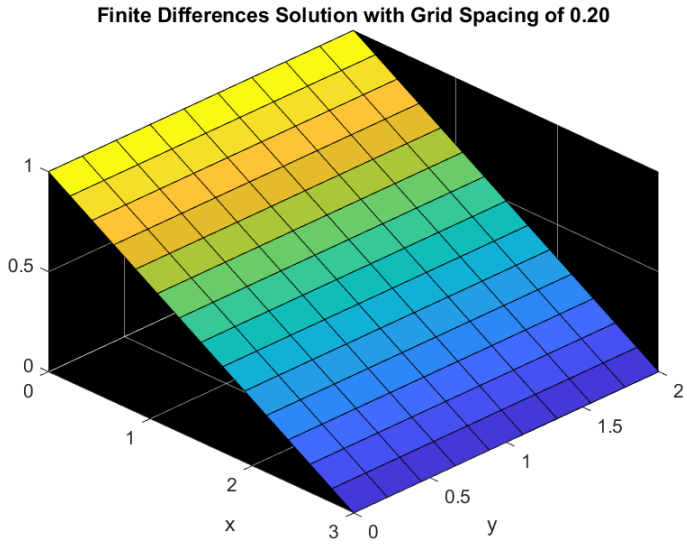
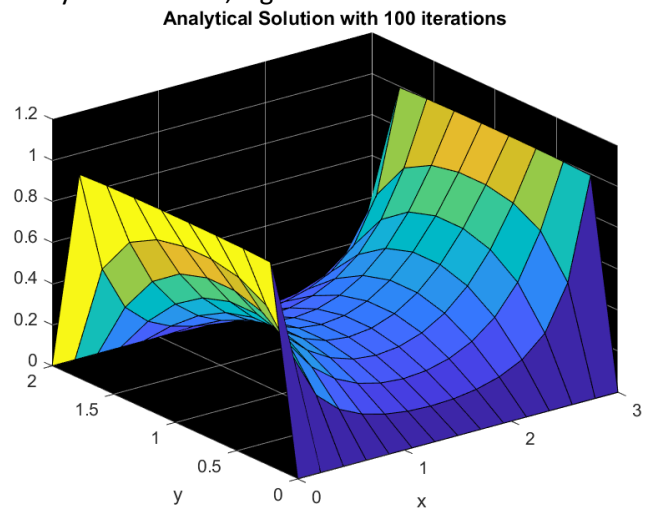
Question 1

Using the Finite Differenece Method the following graphs were produced.

a) Finite solution with grid spacing, Figure 1.



b) Analytical solution, Figure 2.



Question 2

Current flow solved using Finite Difference Method

The following graphs were produced when finding the current flow and show the effect of the "bottle neck" against the current.

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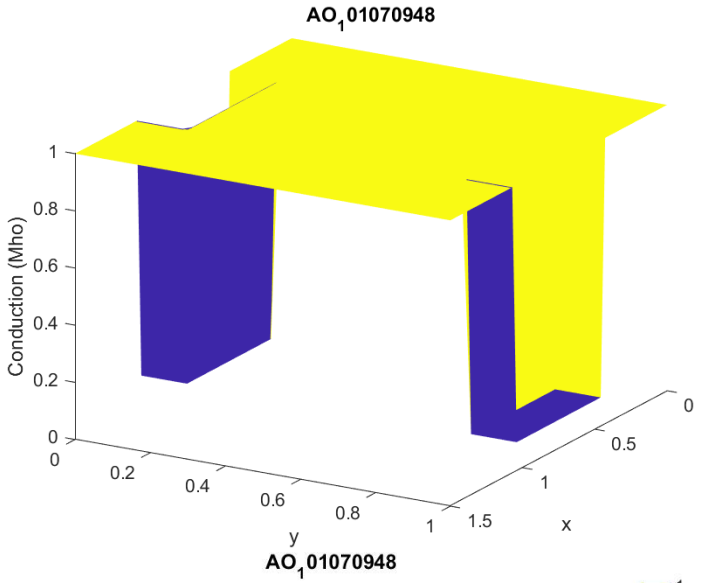

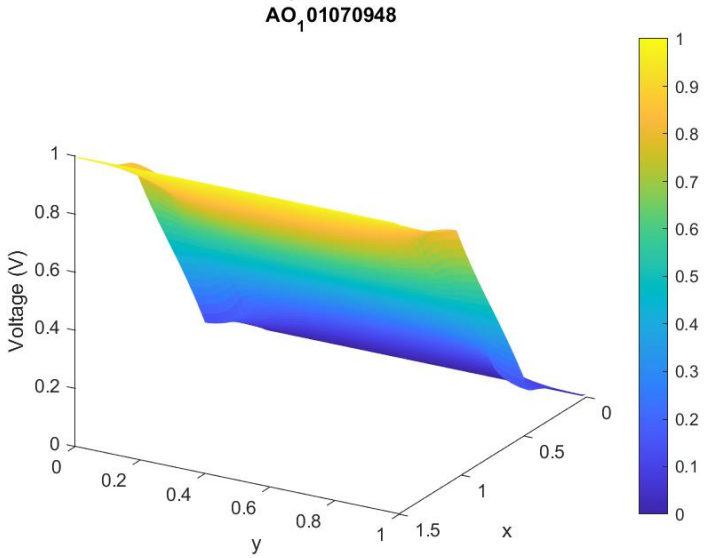

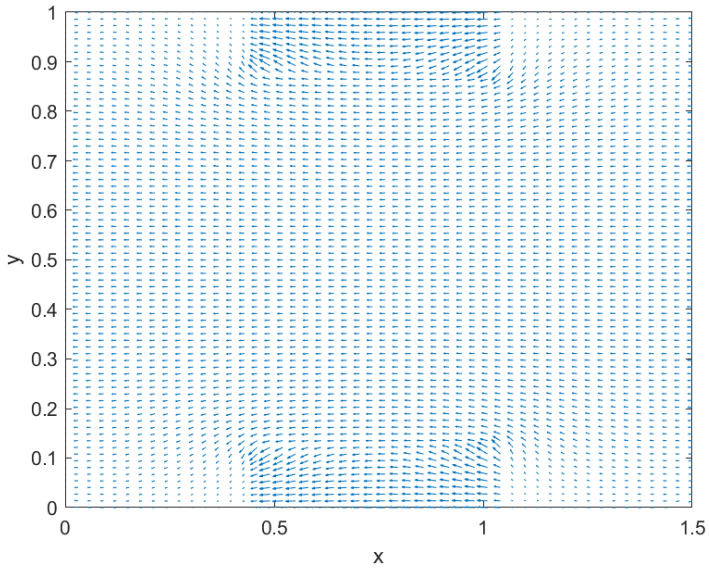

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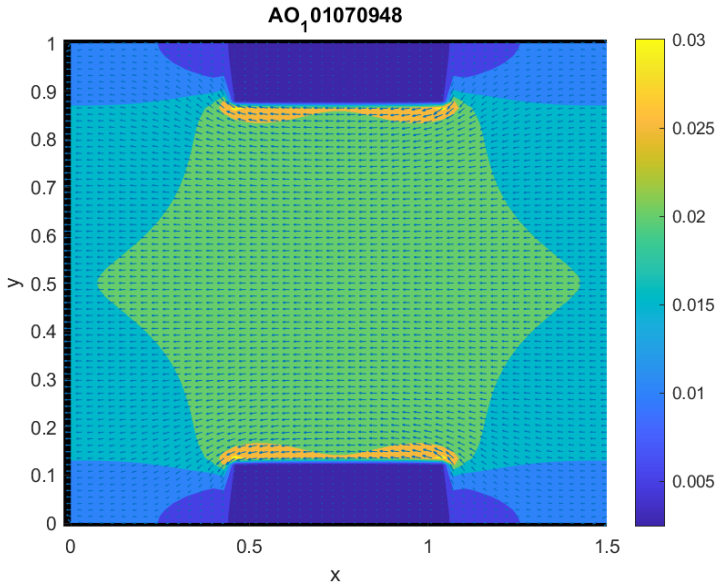

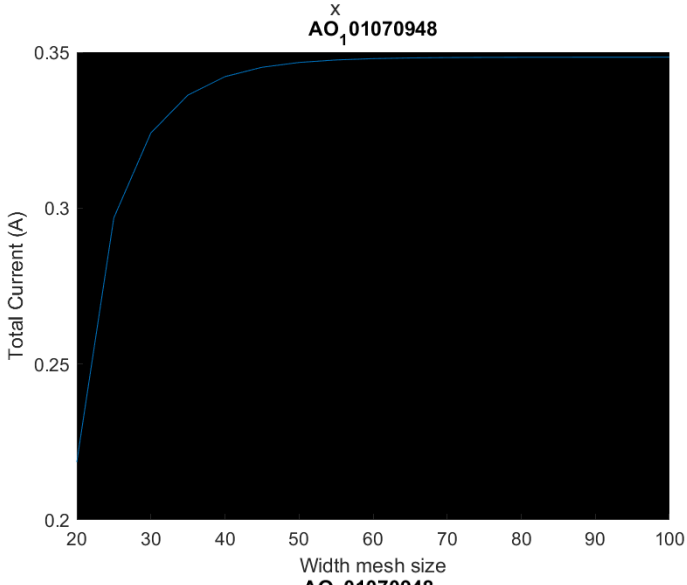

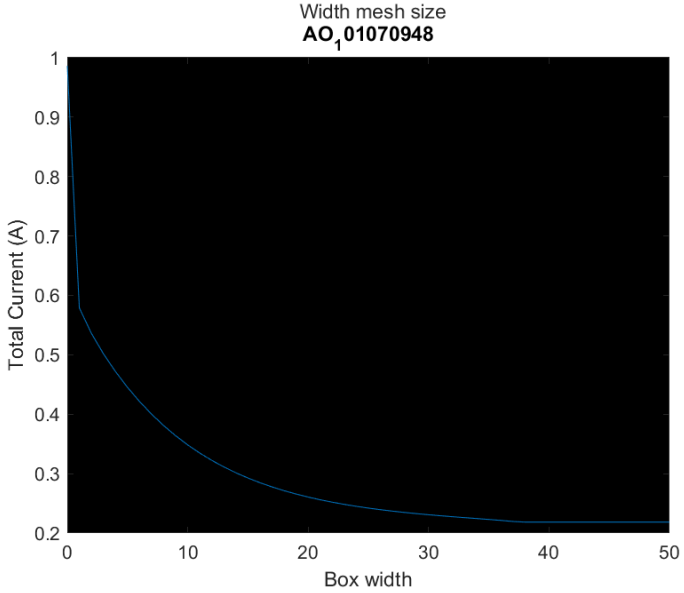
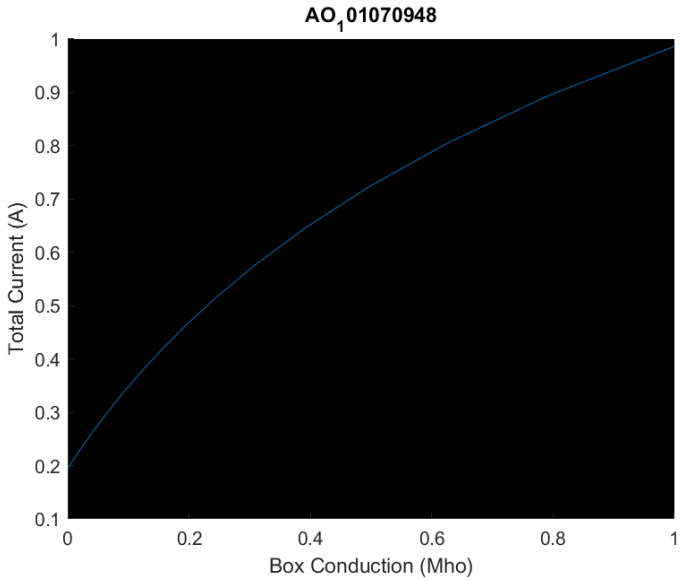
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