NUMERICAL METHODS

HW4 REPORT

This report explains how homework 4 completed. Three questions completed the Q1, Q4 and Q5. This questions might be solved on matlab or with calculator. So, I used excel for this calculator-allowed solutions.

For Q1, I denoted formula then I linearize as desired. I typed all values and used excel functions according to given formulas.

For Q4, I denoted formula. I typed all values and used excel functions according to given formulas. I calculate two results according to two method which are trapezoid and simpson’s rule.

For Q5, I denoted formula. I typed all values and used excel functions according to given formulas.

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