

UWTSD

Module

Task 3

Module code

Student Number

Date

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1 Task 3a

1.1 Table of own functions results compared with given function

Compare original functions TIME, ITERATIONS, RESULT DIFFERENCE, LINES of CODE with your results for bisection, secant and newton Raphson in a table

Running code (Moodle zip) with all associated files must be submitted to receive marks for your results table

2 Task 3b

2.1 Table of research of MATLAB/Online functions

Research MATLAB functions and mathematical techniques to calculate n5, there are many chemistry linear algebra solvers, symbolic maths solvers and engineering root solvers. You should create a table of methods ranking them based on criteria such as ease of use, efficiency, and accuracy. This table should be referenced

2.1.1 Additional researched functions findings

2.2 Table of tried MATLAB/Online functions results

Compare original functions TIME, ITERATIONS, RESULT DIFFERENCE, LINES of CODE with your results for researched code functions

Running code (Moodle zip) with all associated files must be submitted to receive marks for your results table

3 Referencing

4 Appendices

4.1 Own code and functions task 3a

4.2 Own code task 3b