

Tasksheet 2

Math 4610

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##Task 1 I developed a function in Python which implements Newton's Method for root finding. Click here for the corresponding software manual page.

##Task 2 I developed a function in Python which implements the Secant method for Root Finding. Click here for the corresponding software manual page.

##Task 3 Both of the previous functions accept `-v` as the final optional parameter to print each iteration root approximation in a table of results.

##Task 4 I developed a function in Python which implements a Hybrid Method of Bisection/Newton's Method. This needs to be developed more, but the basic idea is there.

##Task 5 I developed a function in Python which implements a Hybrid Method of Bisection/Secant Method. This also needs to be developed more. Both of the previous functions were added to the root finding problem file found here.