Task 1: We found that 'rhs' was present in your notebook's namespace and was callable. Passing a numpy array to the function did not raise an exception and the return type was a numpy array as expected. Furthermore, the elements of the returned array were numerically correct to the required tolerance.

Score: 2/2

Task 2: We found that your notebook's namespace had an entry 'student\_figure'. The first Axes object of 'student\_figure' was accessed successfully. Your legend had 3 labelled entries as requested. You had x and y axis labels as requested. You lacked a title, please include this in future. Your Axes object had 3 line objects as expected. Trace number 1 : You also had at least 100 points in the open interval and sampled a range of x values covering 0.1 \* sqrt(lambda\_0) to 0.9 \* sqrt(lambda\_0). This line matches an expected function within relevant tolerances - well done. Trace number 2 : You also had at least 100 points in the open interval and sampled a range of x values covering 0.1 \* sqrt(lambda\_0) to 0.9 \* sqrt(lambda\_0). This line matches an expected function within relevant tolerances - well done. Trace number 3 : You also had at least 100 points in the open interval and sampled a range of x values covering 0.1 \* sqrt(lambda\_0) to 0.9 \* sqrt(lambda\_0). This line matches an expected function within relevant tolerances - well done. Overall, 3/3 of your x data sets were fully valid with enough points in the relevant range and 3 of your plotted functions were correct.

Score: 6/7

Task 3: We found 'even\_equation' to be present in the notebook's namespace and was callable. Passing a numpy array to 'even\_equation'e did not raise an exception and the return type was a numpy array as expected. Furthermore, the elements of the returned array were numerically correct to the required tolerance. We found 'odd\_equation' to be present in the notebook's namespace and was callable. Passing a numpy array to 'odd\_equation' did not raise an exception and the return type was a numpy array as expected. Furthermore, the elements of the returned array were numerically correct to the required tolerance.

Score: 4/4

Task 4: Your notebook's namespace had a list object 'solution\_list', that was correctly sorted (ascending order). 3 roots were found to be numerically correct.

Score: 4/4

Task 5: We found that a 'find\_energy' function was present in the notebook's namespace and was callable. We passed it a list of the 3 correct roots and it returned an incorrectly formatted list, of numerically incorrect values.

Score: 0/3