

## ME 2016 Assignment HW6: Numerical Integration

Section: \_\_\_\_\_

Student: \_\_\_\_\_

### 15 Task 1: function trapezoidal\_integration\_XYZ

	10	Implementation style and efficiency
	5	Does the function work without errors

### 15 Task 1: function simpson\_integration\_XYZ

	10	Implementation style and efficiency
	5	Does the function work without errors

### 20 Task 2: Script integration\_accuracy\_XYZ

	5	Problem definition
	10	Problem Solution
	5	Solution Plot

### 30 Task 3: Interpretation of Graph

	5	Question 1	
	10	Question 2	(use curve fitting to determine order)
	5	Question 3	
	5	Question 4	
	5	Question 5	

### 15 Coding Style

	5	Headers
	5	Appropriate choice of variable names
	5	Useful comments in code

### 5 Submission

	5	Correct submission (Hardcopy, T-square)
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100  Total - Out of 100 points

Comments:

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