

ME 2016 Assignment HW7: Simulation of a Car

Section: _____

Student: _____

35 Task 1: car_model_XYZ

	5	Inputs/outputs
	10	Model of automatic transmission
	10	Implementation of differential equations
	10	Implementation style and efficiency

25 Task 2: Script car_simulation_XYZ

	10	Problem definition and solution
	5	Plot of Velocities
	5	Plot of positions
	5	Printout of car metrics

20 Task 3: Analysis of structure of simulation code

	20	structure analysis
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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

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 Total - Out of 100 points

Comments:
