Control Number: 692

Problem 1

Criteria	Strong	Medium	Poor	Points
Summary Sheet: Interpretation of the Problem	Clear background, mentions the big problem to be solved and specifies focus areas of the paper; easy to locate and is consistent throughout the paper	Restates the problem, some goals are mentioned and consistently followed	Problem not stated or hard to find	4.5/5
	(5 points)	(3 points)	(1 point)	
Summary Sheet: Overview of Methods	Indicates methodologies used, as well as their purposes in a chronological fashion; easy to understand	Methods stated, but are unclear and difficult to understand	Methods barely or not mentioned with no explanations given	10/10
	(10 points)	(6 points)	(1 points)	
Summary Sheet: Statement of	Main results included with analysis and assessment of the model(s) mentioned	Results included, but not clear and/or too technical	Few or no results, analysis, and assessment	9.5/10
Conclusions	(10 points)	(6 points)	(1 points)	
Solution: Assumptions/ Justifications	Assumptions are well justified and limitations are stated when appropriate; all major assumptions are included and consistently followed	Some major assumptions are missing, unreasonable, or not flowed	Most major assumptions are left out, unreasonable, or not followed	4/5
	(5 points)	(3 points)	(1 point)	
Solution: Variables and Parameters	Identifies important factors in the model and their influences on the outcome; numbers are clearly cited if appropriate	Factors are mentioned but sometimes introduced without sufficient reasoning	Factors are poorly chosen or numbers are not well cited	4/5

	(5 points)	(3 points)	(1 points)	
Solution: Usage of Method(s)	Method(s) are used correctly, efficiently, and effectively for solving the problem; consistently followed without significant errors	Method(s) are used correctly but are inefficient for solving the problem	Method(s) are incorrectly utilized or involve major errors	18/25
	(25 points)	(15 points)	(1 points)	
Solution: Explanation	Detailed, accurate, and concise explanations with words and math; conclusions are easily accessible and answers the problem statement	Presentation is somewhat detailed, accurate, and concise; the original problem statement is answered	Vague and long winded, or the original problem statement is not answered	19.5/20
	(20 points)	(12 points)	(1 points)	
Solution: Analysis and Assessment	Analyzes the viability of the model. For example, how it responds to change in parameters? Possible weaknesses?	Some analysis is included, but not well justified	Insufficient or incorrect analysis is presented	12/10
	(10 points)	(6 points)	(1 point)	
Format	0-1 criteria missing from the following: - Length does not exceed 35 pages - References are clearly represented and sources are correctly cited - Formulas and graphs are plainly labeled - Paper is enjoyable to read - Appropriate grammar and font used - File type (PDF)	2-3 formatting criteria missing	More than 3 formatting criteria missing	10/10
	(10 points)	(6 points)	(1 point)	

Total	Comments: - it would be easier to follow if you introduced what R and L symbolize in the list of variables section	91.5/100
	 add RR is faster to type than LL for a right-hander to your assumptions could introduce tr, tl, tg, and tb earlier great analysis! would be better if your solution could be used to solve the problem given 	

Problem 2

Criteria	Strong	Medium	Poor	Points
Summary Sheet: Interpretation of the Problem	Clear background, mentions the big problem to be solved and specifies focus areas of the paper; easy to locate and is consistent throughout the paper	Restates the problem, some goals are mentioned and consistently followed	Problem not stated or hard to find (1 point)	5/5
	(5 points)	(3 points)	(1 point)	
Summary Sheet: Overview of Methods	Indicates methodologies used, as well as their purposes in a chronological fashion; easy to understand	Methods stated, but are unclear and difficult to understand	Methods barely or not mentioned with no explanations given	9.5/10
	(10 points)	(6 points)	(1 points)	
Summary Sheet: Statement of	Main results included with analysis and assessment of the model(s) mentioned	Results included, but not clear and/or too technical	Few or no results, analysis, and assessment	8/10
Conclusions	(10 points)	(6 points)	(1 points)	
Solution: Assumptions/ Justifications	Assumptions are well justified and limitations are stated when appropriate; all major assumptions are included and consistently followed	Some major assumptions are missing, unreasonable, or not flowed	Most major assumptions are left out, unreasonable, or not followed	4/5

	(5 points)	(3 points)	(1 point)	
Solution: Variables and Parameters	Identifies important factors in the model and their influences on the outcome; numbers are clearly cited if appropriate	Factors are mentioned but sometimes introduced without sufficient reasoning	Factors are poorly chosen or numbers are not well cited	5/5
	(5 points)	(3 points)	(1 points)	
Solution: Usage of Method(s)	Method(s) are used correctly, efficiently, and effectively for solving the problem; consistently followed without significant errors	Method(s) are used correctly but are inefficient for solving the problem	Method(s) are incorrectly utilized or involve major errors	20/25
	(25 points)	(15 points)	(1 points)	
Solution: Explanation	Detailed, accurate, and concise explanations with words and math; conclusions are easily accessible and answers the problem statement	Presentation is somewhat detailed, accurate, and concise; the original problem statement is answered	Vague and long winded, or the original problem statement is not answered	17/20
	(20 points)	(12 points)	(1 points)	
Solution: Analysis and Assessment	Analyzes the viability of the model. For example, how it responds to change in parameters? Possible weaknesses?	Some analysis is included, but not well justified	Insufficient or incorrect analysis is presented	9/10
	(10 points)	(6 points)	(1 point)	
Format	O-1 criteria missing from the following: - Length does not exceed 35 pages - References are clearly represented and sources are correctly cited - Formulas and graphs are plainly labeled - Paper is enjoyable to read	2-3 formatting criteria missing	More than 3 formatting criteria missing	10/10

	- Appropriate grammar and font used - File type (PDF)			
	(10 points)	(6 points)	(1 point)	
Total	Comments:			87.5/100