

### Rubric for MANE 4280/6710 Project #3

Criterion	Excellent 4	Good 3	Fair 2	Unacceptable 1	Weight
<b>Methods</b>	Methods are implemented correctly and analysis accuracy is verified; surrogate model is constructed and used correctly	Many methods are coded well with only a few errors; analysis accuracy may be compromised; surrogate model construction/use could be improved	Methods have substantial errors and use brute force; analysis accuracy is questionable; surrogate model is constructed/used incorrectly	Numerical methods are not coded correctly and/or incorrect methods are used; analysis is invalid; surrogate model is not used	× 3
<b>Matlab Code</b>	Code is easy to read; comments are clear and helpful; inline and subroutine-header documentation is used; code is modular	Code is fairly easy to read; comments are included and often helpful; header documentation is used	Reading code is difficult and few comments are used; limited use of modularity	No comments are used and code is very difficult to understand.	× 1
<b>Results</b>	Results are correct; optimal objective is 200% (or higher) larger than nominal	Minor errors, but most of the results are correct; optimal objective is 175-199% higher than nominal	Results have several errors; optimal objective is 150-174% higher than the nominal	Results are not correct; optimal objective is 100-149% higher than the nominal	× 2
<b>Report</b>	Report is very well written; flow is logical; results are easy to find; text has no spelling mistakes and few grammatical errors	Report quality is good; results are generally displayed well; text has few spelling mistakes and the number of grammatical errors is limited	Report is acceptable; results are included but difficult to find; text has several spelling and grammatical errors; some pen and pencil mark-up is used	Report is poorly written; some results are missing; text has many spelling and grammatical errors; report is not typed	× 2
					Mark /32
<b>Delievery</b>	Report and code handed-in on or before due date	Report and code were handed in less than two days late	Report and code were delivered within a week, but more than two days of due date	Report and code were not handed in within a week of due date	
<b>Penalty</b>	0%	10%	25%	100%	

**Assignment Grade** /32