Project Grading Rubric

1. A write-up of the problem in technical journal format. Include figures, equations, and problem background sufficient to allow an engineer from any discipline to be able to understand and formulate the mathematical model and solve the dynamic optimization problem. Include relevant citations in the project literature review and background section.
2. Discussion, relevant plots, a description of the meaning of the results, and any other relevant information.
3. A copy of the source code used to generate the solution.

The project reports will be graded on originality, technical difficulty, clarity of the problem statement, accuracy of the solution, description of the solution, and professionalism of the report.

Problem Description

_____/ 10 Originality of the project

_____/ 10 Technical difficulty

_____ / 30 Clear and concise problem statement and background information including enough relevant information to be able to solve the problem without specialized training in that topic area.

Discussion and Results

_____/ 30 Simulation, estimation, and control solutions including an explanation of the results, identification of active constraints, putting the solution in context, and other discussion that synthesizes the results into recommendations or conclusions.

_____/ 10 Relevant plots and other supporting information demonstrating the optimal solution.

_____/ 5 Report professionalism

_____/ 5 Source code contains comments and is easy to follow