Checklist for Assignment 2

1 Basics

1. Is the front page as specified?

2. Is there a table of contents?

3. Does every section/subsection have a meaningful title?

4. Are there any references which are broken?

5. Is there anything missing: figures, tables, codes?

6. Does every figure and table have a meaningful caption?

7. Does every figure have meaningful labels?

8. Does the report contain the entire source code?

9. Is the source code `MATLAB` compatible?

10. Does the source code adhere to the class standard? Specifically:

    (a) Does every function have a meaningful name and a short description
    (b) Complete call sequence
    (c) Complete input and output description
    (d) Named minimal working example
    (e) Author name(s) and contact info
    (f) A brief revision history
    (g) Inline comments provide good explanation of every nontrivial step

2 Intermediate

1. Is there an introduction which explains the purpose of the report?

2. Can the report be read and understood by somebody who has not read the specification?

3. Is it easy to locate the answer to each question?

3 Advanced

1. Is relationship between the order of method and the slope of certain straight lines clearly explained?

2. Is it clearly explained why all relevant functions are differentiable. In particular, does the text include the appropriate references to the chain rule of differentiation?

3. Is it clearly documented how we construct Hermite's approximation for a function f on a large interval?

4. Is there a conclusion which lists the lessons learned and as well as any unresolved issues?

5. Is the clear to the reader that computed time to impact with the hill is only an approximation, not the true value of time to impact?