

## 7 Appendix

### 7.1 Code Inspection Checklist

1. Are there defects in the code? *Pass*
2. Does the code adhere to MATLAB coding standards and guidelines (syntax, function calls, etc.)? *Pass*
3. Does the code sensibly apply the ODE solvers as defined in the Commonality Analysis? *Pass*
4. Does the code contain spelling errors? *Pass*
5. Do the recursion/loops have the correct terminating cases according to the formulas defined in the Commonality Analysis? *Pass*
6. Does the code have the correct inputs and outputs? [What does this mean? Do you mean whether it agrees with the requirements? —SS] [It shall agree with the inputs and outputs listed in the functional requirements listed above through code walkthrough. —PA] *Pass*
7. Do the datatypes in the code adhere to ones defined in the requirements and specifications? *Pass*
8. Does the code satisfy the ranges and assumptions defined in the Commonality Analysis? *Pass*.

[This isn't actually a code walkthrough procedure. This is a code inspection checklist. A walkthrough is when a group of reviewers "play computer" and go through the code and its algorithms by hand. —SS] [Noted - that was the intent of the section :-). The section has been renamed. —PA]

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