Chapter 6: Algorithmic Design

6.1 Guide to Algorithmic/Pseudo Code Design

The pseudo code for each code file in the system are grouped accordingly:

System Manager Pseudo Code
1. System Manager 1 code
2. System Manager 2 code
3. System Process code

Calculator Manager Pseudo Code
4. Calculator Manager code
5. rCalculatorUserTypes code
6. extraclasses code
7. rCalculatorClass code

Data Manager Code Pseudo Code
8. Data Manager code
9. data set code
10. set input code
11. IO Map code

Graph Manager Code Pseudo Code
12. Graph Manager code
13. graph_spec code
14. extragraphclasses code
15. graph_device code

Validator & Preprocessor Pseudo Code
16. Validator code
17. preprocessorTypes code
18. calc_preprocessor code

List and List Pseudo
19. ulist code
20. record_object code
21. data_set_obj code
22. set_input_object code
23. IO_map_object code
24. name_object code
25. graph_spec_obj code
26. calc_object code
27. stringobject code

Complex Number Pseudo Code
28. iadditional math code
29. complex functions code
30. complex (number) code
31. newstring code