Final Paper Rubric:

1. Name, Date, Abstract
2. Grammar/spelling
3. Include mathematical definitions/theorems/proofs
4. Clear topic sentences
5. Overall writing style
6. Clear discussion of independent research ideas
7. Mathematical correctness of individual research
8. Mathematical depth of independent research
9. Mathematical correctness of definitions/theorems/proofs
10. Mathematical depth of definitions/theorems/proofs
11. Breadth and depth of library research
12. Significant library paper research discussion
13. Appropriately comprehensive reference list
14. Reference formatting
15. Appendices (e.g., Maple code and output)

General Scoring Schema for each category 4-13 above:
5 points: exceptional
4 points: very solid, on par with better papers in the class
3 points: acceptable, on par with normal papers in the class
2 points: substantial deficiencies
0 points: essentially missing

The first 5-10 page draft: concentrate mostly on 1, 2, 4, 5, 6, 7, 8.