

You can spend 15 minutes after class today taking a retest on the power index material. As you know, I will use your grade to replace your old grade from Page 4 of the exam if doing so improves your score on Test 2.

Write up a preference ballot for your top five picks of term paper topic. Your list is due Wednesday, October 23. I will assign topics by Friday, October 25. Please include your e-mail address if you would like me to e-mail your topic to you.

Remember, the topic can be an application of a concept covered in class, come from a section of the book we do not cover, be selected from a list of suggested topics (on my webpage) outside of the book, or may be invented by you. (See me first if you invent your own topic.)

Don't forget that the textbook has a list of references and further readings after the problems in every chapter.

My office hours this week are, as usual Monday and Wednesday in CRH 314, 2:45–3:30, Monday and Wednesday in CRH 209, 6:45–7:30 (assuming people have arrived by 6:45), Tuesday in CAS 266, 5:15–6:00, and Friday in CAS 266, 9:15–10:45. Remember, I am also available by appointment, preferably made a day in advance.

This is a tentative schedule, which may be modified. Problems are assigned after we cover the corresponding material and are due the following class day.

Monday 10/21: Read all of Chapter 4 quickly to get an overview, and then go back and read Pages 121–133. This covers the preliminary ideas, plus Hamilton's method and the paradoxes that plague it. (By the way, that should be *Galactic Congress* in Examples 2 and 6, not *Intergalactic Congress*. Why?)

Problems on preliminary material: 1, 3, 6

Problems on Hamilton's method: 7, 9, 12, 13, 14

Wednesday 10/23: Read Chapter 4, pages 133–140. This covers the methods of Jefferson, Adams, and Webster, and the drawbacks from which they suffer. **You may not get this homework back before Test 3. Keep a copy to help you study, and check your answers in the back of the book: All problems assigned are odds. We will go over question in class after you do the assignment.**

Problems on Jefferson's method: 17, 19

Problems on Adam's method: 23, 25

Problems on Webster's method: 27, 29, 31

Extra credit short writing assignment: On a separate piece of paper, do Problem 47. This will count extra credit toward your homework grade.