

## Math 4060 (Cherry)

### Reading and Individual Study

Read sections 8 and 9 of Hartshorne. You should be aware of what is going on in these sections and have a good sense of what the point of these sections is. However, you do not necessarily need to master all the details. Do pay particular attention to Proposition 9.2, Corollary 9.3, and Proposition 9.6.

Carefully study section 10 of Hartshorne. Be sure you can do Exercises 10.1–10.5. This will be important for the second midterm.

### Written Assignment #22 Due Monday, April 3

Hartshorne 9.4

### Written Assignment #23 Due Wednesday, April 5

Do one of Exercises 10.1 or 10.2 and do one of exercises 10.3 and 10.4. **Don't forget to prove that your constructions work!**

### Written Assignment #24 Due Friday, April 7

Do TWO problems from Hartshorne 10.6–10.8.