



Pensum - MAT229 - Algebraic Geometry I

Sofia Tirabassi

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Textbook: *Algebraic Geometry* by Robin Hartshorne.

We will have the following curriculum

- Chapter 2: Sections 1 through 3
- Chapter 2: Section 4: no proof of 4.3 (so neither Lemma 4.4 nor 4.5). Proof of 4.6: only b) and e). Proof of 4.8 only b and c. 4.9 Just an idea of the proof.

Andreas' **lecture notes**: sections 1-6.