Chap 1 = 17 页 = 3 次课   Affine algebraic Sets.   6
Chap 2 = 16 页 = 3 次课   Affine Varieties   3
Chap 3 = 14 页 = 3 次课   Local properties of Plane Curves   4
Chap 4 = 16 页 = 3 次课   Projective Varieties   3.5
Chap 5 = 17 页 = 3 次课   Projective Plane Curves   3.5
Chap 6 = 21 页 = 4 次课   Varieties, Morphisms, and Rational Maps.
Chap 7 = 32 页 = 6 次课   Resolution of Singularities
Chap 8 = 28 页 = 5 次课   Riemann-Roch Theorem

共 = 161 页 = 30 次课   5~6页/次

32次课

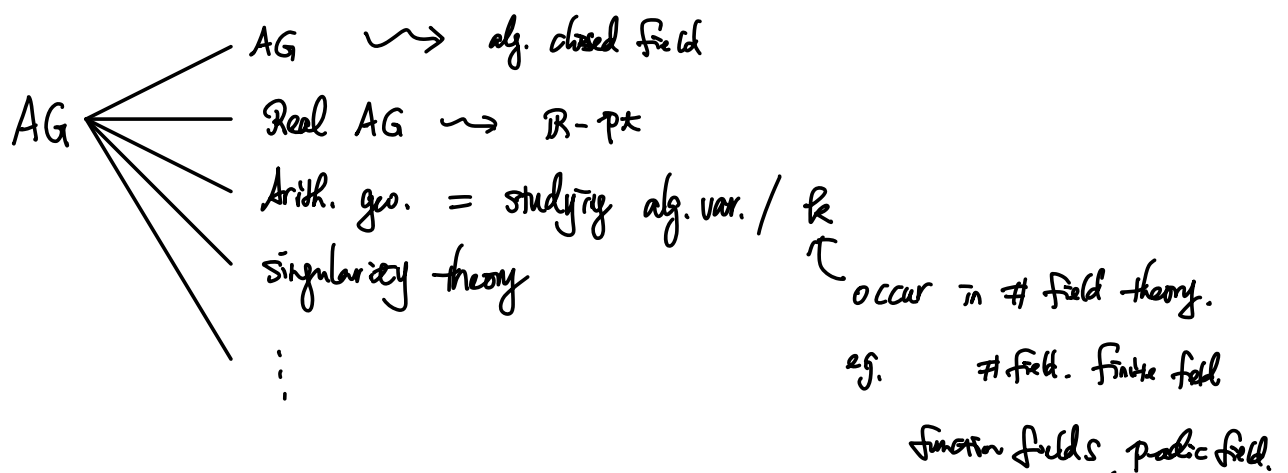| 周	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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9   10   11   12

- 杨金榜. 地空楼 525
- 助教自我介绍
- 交作业与发作业时间：周二上课前后.

平时成绩 (100') P
期末成绩 (100') q
最终成绩：$\max\{q, 0.2 \times P + 0.8 \times q\}$

AG $\Big\langle$

AG ⤳ alg. closed field

Real AG ⤳ $\mathbb{R} - \text{p}\star$

Arith. geo. = studying alg. var. / k

Singularity theory ↑ occur in # field theory.

⋮ e.g. # field. finite field
function fields, p-adic field.

mainstream : ⤳ "intrinsic" properties.

⟶ Grothendieck's scheme theory.

↳ Sheaf theory.