

ERRATA.

As I record my lectures, I inevitably find small mistakes in my slides, which I hadn't spotted before using them. You will find below a list of the mistakes I have found so far. These mistakes have already been corrected in the slides themselves (which are also available on the website of the course), but not in the recorded lectures, where it is almost impossible to correct them (without rerecording an entire lecture).

IF YOU FIND MISTAKES IN THE LECTURES, WHICH DO NOT APPEAR IN THE LIST BELOW, PLEASE LET ME KNOW.

- p. 5 (of the slides) associativity replaced by distributivity, associativity added
- p. 7 definition of irreducibility corrected
- p. 8 "A subset $I \subseteq R$ is an ideal..."; replace by "An additive subgroup $I \subseteq R$ is an ideal..."
- p.14 Q_x replaced by $Q(x)$
- p. 29 - 30 $\text{Ann}(x)$ replaced by $\text{Ann}(a)$
- p. 40 add " L a field" in the definition of $K(S)$
- p. 86 I added the statement that ρ is injective in the lemma.
- p. 103 The equality $K(\mu_3) = K(\mu_6)$ is not actually used in the proof (I removed it from the slides).
- p. 116 \mathbf{C}^{G_2} replace by L^{G_2} .