

## ERRATA, as of 1/23/09

- p.154, footnote: Theorem 13, Ch. IX
  - p.191, reference [23]: arithmétique
  - p.191, reference [19]: Factorensystemen, Erweiterungskörpers, Normklassen
  - p.63, line 1:  $\mathbb{Q}$  is in wrong font.
  - p.50, third line of Theorem 7: Axiom II
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The following errata have to do only with references to theorems in the missing chapters which should have been eliminated in this new edition, but were overlooked.

p.131, line 11: replace ‘According to the corollary of Theorem 16 of Ch. V, section 4’ by ‘It is well known that’.

p.131, lines 18,19: Delete ‘, by Theorem 16, Ch. V, section 4’ .

p.131, lines -8,-9: replace ‘corollary of .... which states’ by ‘the fact that’

[the fact alluded to here is implied by the duality  $\hat{H}^{-r-1}(G, A)' = H^r(G, A')$ , where  $M' = \text{Hom}(M, \mathbb{Q}/\mathbb{Z})$ . If we identify  $\hat{H}^{-r-1}$  with  $H_r$ , as explained for example in Ch. 4 of [5], then cup product becomes cap product, and the duality in question becomes the well known  $H_r(G, A)' = H^r(G, A')$ . This can be proved by applying the identity  $\text{Hom}_{\mathbb{Z}}(A \otimes_G X, \mathbb{Q}/\mathbb{Z}) = \text{Hom}_G(X, \text{Hom}_{\mathbb{Z}}(A, \mathbb{Q}/\mathbb{Z}))$  to a projective resolution of the  $G$ -module  $\mathbb{Z}$ , and using the fact that  $M \mapsto M'$  is an exact functor.]

p.132, last three lines: Delete ‘which we have ..... alluded there’

p.160, line 16: Delete ‘(Theorem ... Ch. V)’

p.148, line 20: Delete ‘mentioned at ... Ch. IV’

p.128, line 11: Delete ‘(cf. the ... Ch. II)’