

On the nilpotent multipliers of a group : Erratum

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In [1] the term $\text{Tor}(G^{ab}, H^{ab})$ was inadvertently omitted from the Künneth formula on page 425, and consequently omitted from the statement of Propositions 2.13 and 2.16. Thus the isomorphism of Proposition 2.13 should read

$$M^{(2)}(G * H) \cong M^{(2)}(G) \oplus M^{(2)}(H) \oplus M^{(1)}(G) \otimes H^{(ab)} \oplus M^{(1)}(H) \otimes G^{ab} \oplus \text{Tor}(G^{ab}, H^{ab}),$$

the second exact sequence in Proposition 2.16 should read

$$M^{(1)}(G) \otimes G^{(ab)} \oplus M^{(1)}(G) \otimes G^{ab} \oplus \text{Tor}(G^{ab}, G^{ab}) \rightarrow V(G) \rightarrow \Gamma(G^{ab}) \rightarrow G^{ab} \otimes G^{ab},$$

and the illustrations of these Propositions on page 419 and 420 need to be adjusted accordingly.

References

- [1] J. Burns and G. Ellis, 'On the nilpotent multipliers of a group', *Math. Z.* 226 (1997), 405-428.