

*Correction to*

## ON THE FIRST END INVARIANT OF AN EXACT SEQUENCE

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I have committed a couple of elementary errors which relate to the proof of Lemma 2.3 of the paper with the above title (*Mathematika*, 22 (1975), 60–70). These are easily corrected, and the remainder of the paper is not affected by them.

Firstly, the definition of a characteristically poly- $\mathcal{A}$  group is inadequate. The correct definition should be

**DEFINITION.** *G is a characteristically poly- $\mathcal{A}$  group, if there exists a sequence  $(G_r)_{0 \leq r \leq n}$  of subgroups of G with  $G_0 = G$ ,  $G_n = \{1\}$ ,  $G_{r+1}$  a characteristic subgroup of  $G_r$  and  $G_r/G_{r+1} \in \mathcal{A}$ , for each r.*

Secondly, in the proof of (2.3), I have attempted to unscrew the filtration on  $K$  from the wrong end. In the inductive step, if  $(K_r)_{0 \leq r \leq n+1}$  is the characteristic filtration on  $K$ , then  $K_1 \in \mathcal{E}$  by induction,  $K/K_1 \in \mathcal{E}$  by definition, and we have 2-equivalences ( $\sim$ )

$$G \sim G/K_1 \times K_1 \sim \Gamma \times K/K_1 \times K_1 \sim \Gamma \times K.$$

Finally, Professor Gruenberg has informed me that the paper of Remeslennikov quoted in the text contains an error, and should be discounted. Again, this affects no result in the paper.

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