CORRECTION TO: AN ALGORITHMIC SOLUTION FOR A WORD PROBLEM IN GROUP THEORY*

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The proof of Lemma 1, page 512, is incorrect as was pointed out to me by N. Losey. This mistake is easily rectified and the following proof is offered as a substitute.

LEMMA 1. *After a finite number of steps the first r rows of all the tables are stabilized, i.e. none of the entries are further altered because of redundancy.*

Proof. Use induction on the row number. For $r = 1$, it is clear that the first row of each table ultimately becomes stable since there are only a finite number of places and each is to be occupied by a positive integer. The effect of a redundancy is to replace some of these entries by smaller positive integers and this can happen only finitely often.

Suppose now that the first k rows are stabilized after a finite number of steps. Since the first appearance of $k + 1$ is somewhere in the first k rows, beyond this point no redundancy involves the replacement of $k + 1$ by a smaller integer. The argument used for the first row is now valid for the $(k + 1)$st.

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