

**CALCULATING THE GENUS
OF A DIRECT PRODUCT
OF CERTAIN NILPOTENT GROUPS**

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Abstract

The Mislin genus $\mathcal{G}(N)$ of a finitely generated nilpotent group N with finite commutator subgroup admits an abelian group structure. If N satisfies some additional conditions —we say that N belongs to \mathcal{N}_1 — we know exactly the structure of $\mathcal{G}(N)$. Considering a direct product $N_1 \times \cdots \times N_k$ of groups in \mathcal{N}_1 takes us virtually always out of \mathcal{N}_1 . We here calculate the Mislin genus of such a direct product.
