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Section:

2. Algebra

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Embeddings of countable groups into 2-generator groups with additional properties

The well known theorem of Higman, B. Neumann and P. Neumann on embeddability of an arbirary countable group H into a 2-generator group G can be strongly generalised. For an arbitrary non-trivial word set $V \subseteq F_\infty$ the 2-generator group G can be chosen su that the image of H under this embedding is **subnormal** in G and lies in the verbal subgroup $V(G)$. The method developed gives generalizations of some related results on embeddings of solvable groups into 2-generator solvable groups, etc. ..

References

V. H. Mikaelian, Subnormal embedding theorems for groups, (to appear)
H. Heineken, V. H. Mikaelian, Normal verbal embeddings of groups, (to appear).