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GROUP ALGEBRAS WHOSE UNIT GROUP IS LOCALLY NILPOTENT

[V. BOVDI](#)

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Abstract

We present a complete list of groups GG and fields FF for which: (i) the group of normalized units $V(FG)V(FG)$ of the group algebra $FGFG$ is locally nilpotent; (ii) the set of nontrivial nilpotent elements of $FGFG$ is finite and nonempty, and $V(FG)V(FG)$ is an Engel group.

Keywords

[unit group](#), [group algebra](#), [locally nilpotent group](#), [Engel group](#)

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