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On the relations between the central factor-module and the derived submodule in modules over group rings

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Abstract: A modular analogue of the well-known group theoretical result about finiteness of the derived subgroup in a group with a finite factor by its center has been obtained.

Keywords: modules; group rings; modules over group rings; generalized soluble groups; modules of finite rank; an integral domain; a scalar ring; Schur's theorem; Baer's theorem

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