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Some ranks of modules over group rings

Victor A. Bovdi  & Leonid A. Kurdachenko 

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Abstract

A commutative ring R has *finite rank* r , if each ideal of R is generated at most by r elements. A commutative ring R has the *r -generator property*, if each finitely generated ideal of R can be generated by r elements. Such rings are closely related to Prüfer domains. In the present paper, we investigate some analogs of these concepts for modules over group rings.

Keywords:

[Dedekind domain](#), [module over ring](#), [Prüfer domain](#), [special rank](#)

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