

GROUP GRADED ALGEBRAS AND THE RELATIVE FREENESS  
OF POINTED GROUPS

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**Abstract.** The main result of Zhou [1] characterizes relative freeness of pointed groups on a  $G$ -algebra. We show here that this theorem follows from results on induced modules over group graded algebras.

**MSC 2000.** 20C20.

**Key words.**  $G$ -algebras, pointed groups, group graded algebras, Green correspondence.

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