ON THE JACOBSON RADICAL AND UNIT GROUPS OF GROUP ALGEBRAS

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Abstract

In this paper, we study the situation as to when the unit group $U(KG)$ of a group algebra $KG$ equals $K^*G(1 + J(KG))$, where $K$ is a field of characteristic $p > 0$ and $G$ is a finite group.

Keywords. Solvable group, $p$-solvable group, locally finite group.

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