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On Graded Primary Ideals

of

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 [Keywords](#)
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Abstract: Let G be a group and R be a G -graded commutative ring, i.e., $R = \bigoplus_{g \in G} R_g$ and $R_g R_h \subseteq R_{gh}$ for all $g, h \in G$. In this paper, we study the graded primary ideals and graded primary G -decomposition of a graded ideal.

Key Words: Graded rings, Graded primary ideals, Decomposition of graded ideals



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