On quasi-Armendariz properties on skew polynomial rings

ABSTRACT

This paper deals with the quasi-Armendariz ring in general setting. We generalize the notions of quasi-Armendariz and -skew Armendariz ring to quasi -Armendariz and quasi -skew Armendariz ring and investigate their properties. The notions of quasi -Armendariz and quasi -skew Armendariz rings are useful in understanding the relationships between annihilators of rings R and R[x;].

Keyword: Armendariz ring; -quasi-Armendariz ring; Quasi -skew Armendariz ring