عنوان مقاله:

[ANNIHILATOR OF LOCAL COHOMOLOGY MODULES UNDER THE RING EXTENSION R ⊂ R[X

محل انتشار:

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خلاصه مقاله:

Let R be a commutative Noetherian ring, I an ideal of R and M a non-zero R-module. In this paper we calculate the extension of annihilator of local cohomology modules $H^t\_I(M)$, t≥0, under the ring extension R ⊂ R[X] (resp. R ⊂ R[[X]]). By using this extension we will present some of the faithfulness conditions of local cohomology modules, and show that if the Lynch s conjecture, in [11], holds in R[[X]], then it will holds in R.

کلمات کلیدی:

Annihilator, cohomological dimension, Faithfully flat, Local cohomology, Zero-divisor

لینک ثابت مقاله در پایگاه سیویلیکا:

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