



**A PROOF OF THE VANISHING OF FORMAL LOCAL
COHOMOLOGY IN THE COMMUTATIVE
ALGEBRA THEORY**

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Abstract

In this paper, is presented a proof of a theorem of vanishing for the formal local cohomology module. Also is put its connection with local cohomology modules.

Keywords and phrases: inverse limit, direct limit, local cohomology, formal cohomology, commutative algebra theory.

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