ON THE ATTACHED PRIMES AND SHIFTED LOCALIZATION PRINCIPLE FOR LOCAL COHOMOLOGY MODULES

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TÓM TẮT:

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$$\Att_{R_{\p}} (H_{\p R_{\p}}^{i-\dim R/\p}(M_{\p})) =\{ \q R_{\p} \mid \q \in \Att_R(H_{\m}^{i}(M)), \q\subseteq \p\}\ \text{for all}\ \p \in \Spec(R).$$

In this paper we study the attached primes of $H_{\m}^i(M)$ and give some conditions for $H_{\m}^i(M)$ to satisfy the Shifted Localization Principle.