

## ON $S$ -PRIMARY SUBMODULES

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Received: 16 October 2020; Revised: 4 May 2021; Accepted: 5 May 2021

Communicated by Abdullah Harmanci

**ABSTRACT.** Let  $R$  be a commutative ring with identity,  $S$  a multiplicatively closed subset of  $R$ , and  $M$  be an  $R$ -module. In this paper, we study and investigate some properties of  $S$ -primary submodules of  $M$ . Among the other results, it is shown that this class of modules contains the family of primary (resp.  $S$ -prime) submodules properly.

**Mathematics Subject Classification (2020):** 13C13, 13C05, 13A15

**Keywords:** Multiplicatively closed subset, prime submodule,  $S$ -prime submodule, primary submodule,  $S$ -primary submodule

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