

EPIC ENVELOPES BY GENERALIZED FLAT MODULES

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Abstract. We establish equivalent conditions under which every right R -module has an epic \mathcal{X} -envelope, when \mathcal{X} is a Tor-orthogonal class of left- R -modules. As particular cases, one may recover and complete known results on various generalizations of flatness.

MSC 2000. 16D50, 16D40.

Key words. Envelope, flat module.

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Received September 3, 2008
Accepted November 30, 2008

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