

GENERALIZED *RD*-PURE-INJECTIVITY AND *RD*-FLATNESS

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Abstract. Let R be an associative ring with non-zero identity and let V be a non-empty subset of R . We shall consider a family Ω_0 of left R -modules of the form R/Rr , where $r \in V$. If R is commutative, we shall determine the structure of Ω_0 -pure-injective R -modules. We shall also study Ω_0 -flat modules.

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Key words. Ω -pure-injective module, Ω -flat module.

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