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Fully idempotent homomorphisms

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Abstract

For arbitrary modules A and B we introduce and study the notion of a fully idempotent $\text{Hom}(A, B)$. As a corollary we obtain some well-known properties of fully idempotent rings and modules.

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Keywords

fully idempotent module, fully idempotent ring, quasi-injective module, quasi-projective module