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*Exact functors between module categories (25- 30)*

Let  $A$  be an algebra and let  $B$  be a representation directed algebra. We show that there exists a hom-controlled exact functor between the category of  $A$ -modules and the category of  $B$ -modules provided there exists a full embedding of the corresponding Auslander-Reiten quivers. We also indicate a geometric application of this result.