

τ -tilting (silting) modules over preprojective algebras

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Preprojective algebras have been one of the important objects not only in the representation theory of algebras, but also in many branches of mathematics. Recently it turns out that support τ -tilting (=silting) modules are very useful for understanding several properties of preprojective algebras. In this talk, we explain their properties and we also give a set of support τ -tilting modules, which are not tilting modules, over preprojective algebras of non-Dynkin type.

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