

# QUADRATIC FORMS OF TAME HEREDITARY ALGEBRAS

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ABSTRACT. The purpose of this project is to classify algebras of the form  $KQ$ , where  $Q$  is a quiver whose underlying graph is Euclidean. According to Representation Theory of Algebras, it suffices to describe its categories of modules, in other words, to determine its indecomposable modules and irreducible morphisms. The determination of such indecomposable will be through the study of positive roots of the quadratic form associated.

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