

On the representation type of skew-Brauer algebras

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Brauer graph algebras were originally defined to study the modular representation theory of finite groups and are based on combinatorial data derived from graphs. In recent years, Brauer graph algebras have been linked to the representation theory of algebras, particularly to cluster algebras and the well-known class of gentle algebras. As a natural generalization, in this talk, we introduce the definition of skew-Brauer algebras, which are now connected to skew-gentle algebras. We also provide a combinatorial characterization of skew-Brauer graph algebras of finite representation type. This is joint work with Ana García-Elsener and Victoria Guazzelli.

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