

Centralizers of rank one in the first Weyl algebra

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One of the most popular noncommutative algebras is the first Weyl algebra. Do not worry if you do not remember what it is, I'll remind you the definition. Since it is not commutative, centralizers of non-central elements i.e. elements which commute with a given element, are proper subalgebras. These subalgebras are the subject of the talk.