THE FIELDS INSTITUTE

ABSTRACTS 1.2

FOR RESEARCH IN MATHEMATICAL SCIENCES

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Generalized Koszul duality (25-30)

The concept of T-Koszul algebras was introduced by Green, Reiten and Solberg as a common generalization of Koszul duality and the duality induced by a cotilting module. In this talk we show that the duality theory obtained for these algebras can be explained using equivalences of subcategories of the derived categories.