

Category \mathcal{O} for quotients of shifted Yangians

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This talk will focus on the representation theory of algebras which arise as quantizations of slices to Schubert varieties in the affine Grassmannian. These algebras are defined as quotients of shifted Yangians, and have a category of modules analogous to the classical BGG category \mathcal{O} . We will present some results and conjectures related to this category, based on ongoing *joint work with Kamnitzer, Webster and Weekes*.

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