

CM-modules for Grassmannians

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The category of Cohen-Macaulay modules over a quotient of a preprojective algebra is a cluster category associated to the coordinate ring of the Grassmannian. We study these categories, in particular in the tame cases. We show how one can associate SL_k -friezes to them. This is joint work with Bogdanic and Garcia Elsener and with Faber-Gratz-Serhiyenko-Todorov