Homologies of some graded Calabi-Yau algebras

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Abstract. In the talk, I will skech a way following the general ideas in literature to calculate the hochschild (co)homology and cyclic homology for 3-dimensional graded Calabi-Yau algebras by using the poisson (co)homology of poisson algebras. Some basic definitions such as hochschild (co)homology, cyclic (co)homology and poisson (co)homology will be recalled in the beginning.