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Hopf-cyclic cohomology and pairings: examples

In my talk I will give few explicit examples of pairings between the Hopf-cyclic cohomology of algebras and coalgebras in case when both ingredients arise from geometric constructions. Our examples will include universal enveloping algebras of vector fields and group algebras acting on functions on manifolds, bar-resolution of an algebra, coacting on the algebra of functions on a principal bundle etc. In all these cases we shall express the pairing in question in more classical (geometric) terms.