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*A-infinity-Yoneda algebras via twisting cochains: an example (25-30 min)*

Since H. Cartan's seminar in the nineteen fifties, twisting cochains have been used to describe complexes computing the homology of fibred spaces. We adapt a result from this classical theory to obtain a means of recognizing the A-infinity structure on the Yoneda algebra of an augmented graded algebra. We apply this to R. Berger's  $N$ -Koszul algebras (discovered independently by E. Green, E. Marcos, R. Martínez and Pu Zhang).