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14 MacLean Hall, Iowa City, IA 52242. *Universal deformation rings of modules over self-injective algebras*. Preliminary report.

Let Λ be a finite dimensional self-injective algebra over an algebraically closed field, and let V be a finitely generated Λ -module. We first give a sufficient criterion for V to have a universal deformation ring. We then turn to a particular self-injective algebra Λ and determine the universal deformation rings for some of the Λ -modules V that satisfy this criterion. (Received September 09, 2009)