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An Extension of Sato-Kimura Theorem for Semi-invariant rings

We give an analog of a result of Sato-Kimura in the context of a semi-invariant ring for a finite dimensional algebra over an algebraically closed field \mathbb{K} of characteristics 0. Then, we examine the case of finite dimensional hereditary algebras over \mathbb{K} and give another proof of a result by Paquette and Weyman. This is joint work with Charles Paquette and David Wehlau.