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Martin Lorenz* (llorenz@temple.edu), Dept. of Mathematics, Temple University, Philadelphia, PA 19122. *Actions of algebraic groups on noncommutative prime spectra (a brief survey)*.

I will review the principal results about rational actions of affine algebraic groups on noncommutative prime spectra. The main purpose of this talk is to set the stage for Ramy Yammine's talk on actions of cocommutative Hopf algebras at the same meeting. (Received January 22, 2019)