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Juan Cuadra, Pavel Etingof and Chelsea Walton* (notlaw@temple.edu), 1805 N. Broad Street, Philadelphia, PA 19122. *No Quantum Symmetry from an algebraic point of view.*

I will discuss recent work the lack of finite dimensional Hopf actions on (quantizations of) commutative domains. This includes results on Hopf actions on Weyl algebras, universal enveloping algebras of finite dimensional Lie algebras, spherical symplectic reflection algebras, quantum polynomial algebras, twisted homogeneous coordinate rings of abelian varieties, and Sklyanin algebras. (Received September 13, 2016)