

Delta sets and polynomial identities in pointed Hopf algebras

Yuri Bahturin

Memorial University of Newfoundland, St. John's, Canada

bahturin@mun.ca

We survey a vast array of known results and techniques in the area of polynomial identities in pointed Hopf algebras. Some new results are proven in the setting of Hopf algebras that appeared in the papers of D. Radford and N. Andruskiewitsch - H.-J. Schneider.

This is joint work with Sarah Whitherspoon from Texas A& M University.