A new proof of a theorem of I. Angiono

Hans-Jürgen SCHNEIDER (Ludwig-Maximilians-University of Munich, Germany) hanssch@mathematik.uni-muenchen.de

This is joint work with I. Heckenberger. Using the theory of reflections of Nichols systems we give a new proof of the following theorem of Angiono: Any finite-dimensional pointed Hopf algebra with abelian group of group-like elements over an (algebraically closed) field of characteristic 0 is generated as an algebra by group-like and skew-primitive elements.