

Connected Hopf algebras

Ken BROWN (University of Glasgow, UK)

Ken.Brown@glasgow.ac.uk

I will give a review of results (some new, some old) and open questions on connected Hopf algebras. Here and in the title, the word "connected" can and will be interpreted in two different senses - as referring to a Hopf algebra H whose coalgebra structure is connected (that is, H has a unique simple subcoalgebra), or to a Hopf algebra whose algebra structure is connected graded.