

1112-16-368 **David E Radford*** (radford@uic.edu). *Automorphisms of biproducts*. Preliminary report.

We consider Hopf algebras which are biproducts and explore several notions of automorphism which take into account the additional structure of a biproduct. These notions give rise to subgroups of the full automorphism group. We examine their general structure and discuss the case when both factors of the biproduct are group algebras. Interesting abstract groups arise from our investigation. (Received August 09, 2015)