

On the double of the Jordan plane

mercredi 7 juin 2023 14:00 (1 heure)

The Jordan plane, a well-known deformation of the polynomial ring in 2 variables, has a structure of braided Hopf algebra and as such, it has various associated Hopf algebras, varying with the characteristic of the base field. I will report on recent work on these Hopf algebras, jointly with Héctor Peña Pollastri and François Dumas.

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