

QUANTUM SUBGROUPS OF SIMPLE TWISTED QUANTUM GROUPS AT ROOTS OF ONE

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Let G be a connected, simply connected simple complex algebraic group and let ϵ be a primitive ℓ th root of unity with ℓ odd and coprime with 3 if G is of type G_2 . We determine all Hopf algebra quotients of the twisted multiparameter quantum function algebra $\mathcal{O}_\epsilon^\varphi(G)$ introduced by Costantini and Varagnolo. This extends the results of Andruskiewitsch and the first author, where the untwisted case is treated.

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