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*Coideal subalgebras of some Kac algebras*

Kac algebras play an important role in the theory of inclusions of hyperfinite factors of type  $II_1$ ; indeed, any irreducible finite index depth 2 subfactor is obtained as fixed point set under the action of some finite dimensional Kac algebra on the factor. There furthermore is a Galois-like correspondence between the lattice of intermediate subfactors and the lattice of coideal subalgebras of the Kac algebra.

We describe the lattice of coideal subalgebra of the Kac algebras obtained by 2-cocycle deformation of the algebra of function  $\mathbb{C}^G$  of a finite group  $G$ . As an example we describe the lattice of coideal subalgebras of some Kac algebras of Kac-Paljutkin type.