

Commutator blueprints

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Abstract

An RGD-system is said to be *over* \mathbb{F}_2 if any root group has cardinality 2. One axiom of an RGD-system provides a certain commutator relation between root groups corresponding to prenilpotent pairs of roots. In this talk I will discuss the existence of RGD-systems over \mathbb{F}_2 with prescribed commutator relations.