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Josh T. Grice* (jtgrice@email.sc.edu). *Axiomatisability of subdirectly irreducible members of congruence modular varieties generated by certain finite nilpotent algebras.*

If \mathbf{A} is a finite nilpotent algebra of finite signature which is a product of algebras of prime power order and \mathbf{A} generates a congruence modular variety \mathcal{V} , then the subdirectly irreducible members of \mathcal{V} can be axiomatised by a finite set of elementary sentences. (Received September 17, 2019)