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Universal theory of a free polynilpotent group. (English. Russian original) [Zbl 1360.20024](#)

Izv. Math. 80, No. 3, 623-632 (2016); translation from *Izv. Ross. Akad. Nauk, Ser. Mat.* 80, No. 3, 173-183 (2016).

MSC:

20F19 Generalizations of solvable and nilpotent groups

20E10 Quasivarieties and varieties of groups

20F10 Word problems, other decision problems, connections with logic and automata (group-theoretic aspects)

03B25 Decidability of theories and sets of sentences

03C60 Model-theoretic algebra

Keywords:

universal theory; variety of groups; soluble group; nilpotent group; polynilpotent group

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