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Nil series from arbitrary functions in group theory

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Abstract: In an earlier paper distributors were defined as a measure of how close an arbitrary function between groups is to being a homomorphism. Distributors generalize commutators, hence we can use them to try to generalize anything defined in terms of commutators. In this paper we use this to define a generalization of nilpotent groups and explore its basic properties.

Keywords: finite group; nilpotent; arbitrary functions; nil-series; distributor
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