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Yuri Movsisyan*, Alex Manoogian 1, Yerevan State University, 0025 Yerevan, Armenia. *On functional equations and distributive second order formulae.*

The structure of invertible algebras with distributive second order formulae with specialized quantifiers is given. As a consequence, the applications for solutions of the some functional equations of distributivity on quasigroups are provided. (Received February 04, 2017)