

CONDITIONAL CAUCHY EQUATIONS OF RIGHT  
CYLINDER TYPE ON  $n$ -GROUPS

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**Abstract.** The subject of this paper is the extension of the results obtained for a conditional Cauchy equation on groups (equation that is called by J. Dhombres [3], Cauchy equation of right cylinder type) to the similar equations on  $n$ -groups.

**MSC 2000.** 39B22, 20M15.

**Key words.** Functional equations,  $n$ -groups.

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