

CARPATHIAN J. MATH.
23 (2007), No. 1 - 2, 187 - 191

Dedicated to Professor Ioan A. RUS on the occasion of his 70th anniversary

Reciprocally associability of a n -group operation with a binary operation

VASILE POP

ABSTRACT. By juxtaposition of a binary operation with a n -ary operation are obtain a $(n + 1)$ -ary operation. In this paper we study the conditions for the obtained operation to determine a $(n + 1)$ -group structure.

TECHNICAL UNIVERSITY OF CLUJ-NAPOCA
DEPARTMENT OF MATHEMATICS
C. DAICOVICIU 15, 400020 CLUJ-NAPOCA,
ROMANIA
E-mail address: `vasile.pop@math.utcluj.ro`