A METHOD FOR COMPUTING OF GROUP-SUBGROUPOIDS OF
FINITE GROUP-GROUPOIDS

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Abstract. In this paper we present an algorithm for finding of group-subgroupoids of
a finite group-groupoid.

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References
-186.
[5] Gh. Ivan and G. Stoianov, The program BGroidAP2 for determination of all subgroupoids of a Brandt
groupoid, Analele Univ. de Vest, Timișoara, Seria Mat.-Inf., 42, No 1 (2004), 93-118.

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