Gevorgyan, P. S.; Nazaryan, A. A.
On orbits and bi-invariant subsets of binary $G$-spaces. (English. Russian original)
[Math. Notes 109, No. 1, 38-45 (2021); translation from Mat. Zametki 109, No. 1, 47-56 (2021)].

Summary: Orbits and bi-invariant subsets of binary $G$-spaces are studied. The problem of the distributivity of a binary action of a group $G$ on a space $X$, which was posed in [P. S. Gevorgyan, Topology Appl. 201, 18–28 (2016; Zbl 1364.54025)] by one of the authors, is solved.

MSC:
54H15 Transformation groups and semigroups (topological aspects)
57S99 Topological transformation groups

Keywords:
binary operation; topological group; homeomorphism group; representation of topological group

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References:

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