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PARTIALLY ORDERED SYSTEMS OF OPEN SETS. SEMIGROUPS OF OPEN MAPPINGS

Abstract

In this paper the problem, formulated by A.A. Maltsev in the sixties, on characterization of topological spaces by semigroups of open mappings (not necessarily continuous) is solved.

In [1] the following theorem for the class of T_D - spaces (where $T_1 \subset T_D \subset T_0$) is solved by Thron.