Zbl 1111.06003

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The semicontinuous quasi-uniformity of a frame. (English)

The semicontinuous quasi-uniformity is known to be one of the most important examples of transitive quasi-unformities. The aim of this paper is to show that various facts in classical topology connected with the semicontinuous quasi-uniformity and semicontinuous real functions may be easily extended to pointfree topology via a construction introduced by the authors in a previous paper. Several consequences are derived.

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Keywords : pointfree topology; quasiuniform frame; biframe
Classification :
    ∗06D22 Frames etc.
    54C30 Real-valued functions on topological spaces
    54E05 Proximity structures and generalizations
    54E15 Uniform structures and generalizations
    54E55 Bitopologies