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A NOTE ON SEPARATION AXIOMS IN DIFRAMES

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ABSTRACT

Frame (locale) theory is an important research area, which translates the topological concepts into the point-free language. It has many applications in topos theory, logic, non-commutative rings, and even in theoretical computer science. Diframes, on the other hand, were defined as a point-free generalizations of ditopological texture spaces. In this work, we briefly introduce the concept of diframe, and then define the separation axioms in diframes.

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