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Filterconvergence as a convenient concept for Topology
It has been a trend in Categorical Topology to embed topological categories into better behaved topological categories, i. e. topological universes or strong topological universes. The topological universe of semiuniform convergence spaces introduced by Preuss form a common generalization of symmetric limit spaces and uniform limit spaces, moreover it is cartesian closed, hereditary and the product of quotients are again quotients. In this note we define and study the so called filterunitopic spaces which are a common generalization of semiuniform convergence spaces and the supertopologies as defined by Doitchinov. It is cartesian closed , and we also show that the generalized convergence spaces in the sense of Kent are nothing else than special filterunitopic spaces.