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Weak Convergence on Topological Semihypergroups.

We generalize some convergence results from semigroups to semihypergroups. In particular we use the definition of concretization of hypergroups (naturally extended to semihypergroups) to prove some results on weak convergence of the sequences or averages of convolution powers on topological semihypergroups. (Received September 23, 2012)