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Exploring Invertible Subgroups of Dead-ending and Blocking Universes

Misère play exhibits less structure than normal play, for example, in unrestricted misère, there are no invertible elements. Restricting the comparison test to universes lets us recover some structure, such as a computable comparison test or a characterization of the invertible elements. We investigate the invertible subgroups, which are the \mathcal{P} -free elements, of the dead-ending and blocking universes and discuss challenges caused by losing the other direction of the maintenance/proviso test due to no longer being in a full universe.