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Actions of certain finite groups on lattice ordered dimension groups

Following the classification via K-theory of AF C^*-algebras by Elliott, the complementary range of invariant problem was solved by Effros, Handelman, and Shen when they characterized those partially ordered abelian groups that arise as inductive limits of simplicial groups. Later work by Elliott and Su led to the question of when a group action on a dimension group arises as an inductive limit of actions on simplicial groups. Work of Choi and Dean gave a partial answer in the case of $\mathbb{Z}_2$ actions. The present work extends their results to actions of more finite groups.