# Action Dimension of Some Simple Complexes of Groups

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**Abstract.** The geometric dimension of a discrete group $G$ is the minimal dimension of a model for the classifying space $BG$. The action dimension of $G$ is the minimal dimension of a manifold model. I will talk about some computations of the action dimensions for certain complexes of groups and fundamental groups of complex hyperplane complements. This is joint work with Michael Davis and Giang Le.