Publ. Mat. **55** (2011), 3–18

GROUP ACTIONS ON ALGEBRAIC CELL COMPLEXES

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Abstract

We establish an algebraic version of the classical result that a G-map f between G-complexes which restricts to a homotopy equivalence f^H on H-fixed sets for all subgroups H of G is a G-homotopy equivalence. This is used to give an alternative proof of a theorem of Bouc. We also include a number of illustrations and applications.

2000 *Mathematics Subject Classification.* 57Q05, 20J05.
Key words. Cell complex, group action, equivariant homotopy.