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Title : Not all semistable groups are properly 3-realizable.

Abstract : We show that if a finitely presented group is both semistable at infinity and properly 3-realizable then its fundamental pro-group has to be of a certain kind. This way we find groups which are semistable but not properly 3-realizable. We recall that a group G is properly 3-realizable if there is a compact 2-polyhedron K with $\pi_1(K) \cong G$ and whose universal cover has the proper homotopy type of a 3-manifold.