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On noncontractible compacta with trivial homology and homotopy groups

Abstract. An example of a Peano continuum X such that:
(i) X is a one-point compactification of a polyhedron;
(ii) X is weakly homotopy equivalent to a point; and
(iii) X is not contractible
will be discussed. We will also prove that all classical homology groups (singular, Borel-Moore, Čech) and cohomology groups (singular, Čech) and all finite-dimensional Hawaiian groups of X are trivial.