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Title: Bundles of C^* -algebras and a theorem of Eilenberg and Steenrod

Abstract: Topologists in the 1940's and 1950's thought it natural to look at the category of compact spaces. With the advent of spectra, attention shifted to CW complexes. As every compact space is an inverse limit of finite CW complexes, it is then reasonable to try to reduce homotopy classification problems on compact spaces to problems on finite complexes. Our (mathematical) ancestors knew how to do this. I will review some of these results and show how they may be used to study homotopy invariants of C^* -algebras of sections of certain bundles related to gauge groups.