

A Homological Characterization Of Topological Amenability

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introduced in [4] for a compact X and in [5] in the case when $X = G$, the Stone-Cech compactification of G . A Homological Characterization Of Topological AmenabilityGeneralizing Block and Weinberger's characterization of amenability we introduce the notion of uniformly finite homology for a group action on a compact space and use it to give a homological ... (PDF) A homological characterization of topological ...A HOMOLOGICAL CHARACTERIZATION OF TOPOLOGICAL AMENABILITY 3 Definition 1 ([4]). We call $W_0(G;X)$, with the above action of G , the standard module of the action of G on X . We have the following short exact sequence of G -modules: $0 \rightarrow N_0(G;X) \rightarrow W_0(G;X) \rightarrow 'R_0 \rightarrow 0$. It is also worth pointing out that when X is a point we have $W_0(G;X) = '1(G)$ and $N_0(G;X) = '1_0(G)$.A HOMOLOGICAL CHARACTERIZATION OF TOPOLOGICAL AMENABILITYA homological characterization of topological amenability ...A homological characterization of topological amenability ...As an application we obtain a characterization of acyclic maps of topological spaces in terms of induced maps of their chain algebras of based loop spaces. In the case of a universal acyclic map we obtain, for a wide class of spaces, an explicit algebraic description for these induced maps in terms of derived localization. AB - We show that the notions of homotopy epimorphism and homological epimorphism in the category of differential graded algebras are equivalent. Homological epimorphisms, homotopy epimorphisms and ...Homological Characterization Of Topological Amenability virus inside their computer. a homological characterization of topological amenability is welcoming in our digital library an online permission to it is set as public hence you can download it instantly. Our digital library saves in multipart countries, allowing you to get the most

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 Having in mind this characterization of homotopical \square -sets, we define a closed subset of a topological space to be a homological \square -set (more generally, a \square -homological \square -set for a coefficient group \mathbb{Z}) if $(\square, \square) = 0$ ($\square, \square; \mathbb{Z}$) = 0, respectively) for all $\square < +1$ and all open sets \square . Therefore, a homo-
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