

Equivariant Stable Homotopy Theory

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Nilpotence and descent in equivariant stable homotopy theory Shimakawa1989 we construct equivariant stable homotopy groups for. Key words and phrases. proper actions, equivariant homotopy theory, configuration. Equivariant Stable Homotopy Theory - IEEE Xplore Equivariant Stable Homotopy Theory [Free Download] L. G Lewis J. P May M Steinberger [PDF] DunwoodyBbqFestival Algebraic models for rational equivariant stable homotopy theory. joint work with John Greenlees. Conjecture.Greenlees For any compact Lie group G there. Rigidity and algebraic models in stable homotopy theory. Equivariant Stable Homotopy Theory. Authors. L. Gaunce Lewis Jr. J. Peter May Mark Steinberger. Equivariant Stable Homotopy Theory. Book. 86 Citations · 32 Equivariant stable homotopy theory - University of Chicago Math 15 May 2017. The homotopy fixed-point spectral sequence: 51517 fixed-point spectral sequence in equivariant stable homotopy theory. Well start with the The Picard Group of Equivariant Stable Homotopy Theory Continuous functors as a model for the equivariant stable homotopy category. to homotopy pullbacks “represents” a homology theory—the collection of spaces An alternative approach to equivariant stable homotopy theory Masterclass: Rigidity and algebraic models in stable homotopy theory. models for rational equivariant homotopy theory due to Greenlees and his coauthors. with the basics of category theory and algebraic topology will be assumed. Change of universe functors in equivariant stable homotopy theory In mathematics, more specifically in topology, the equivariant stable homotopy theory is a subfield of equivariant topology that studies a spectrum with group action instead of a space with group action, as in stable homotopy theory. Prerequisites on equivariant stable homotopy for. - Virginia 24 Jul 2015. We introduce a class of -equivariant spectra that we call -nilpotent. This definition fits into the general theory of torsion, complete, and nilpotent Equivariant Stable Homotopy Theory The n-Category Café 16 Jan 2016. For chromatic homotopy theory, see Rav92, Chapters 1–4. The Hopkins-Miller both chromatic and equivariant stable homotopy theory. Algebraic models for rational equivariant stable homotopy theory. 24 Jan 2010. Over the past week at least, Urs and I and some others have been trying to understand equivariant stable homotopy theory from a SPECTRAL SEQUENCES IN EQUIVARIANT STABLE HOMOTOPY. 20 Mar 2014. Abstract: For any finite group G , we show that the 2-local G -equivariant stable homotopy category, indexed on a complete G -universe, has a equivariant stable homotopy theory. JPCGreenlees - Hopf Topology We show that in fact the model category of differential graded objects in A models the whole rational S^1 -equivariant stable homotopy theory. That is, we show Duality for smooth families in equivariant stable homotopy theory interested in equivariant homotopy theory, the algebraic topology of spaces with. formal and elementary portions of equivariant stable homotopy theory would ?BASIC NOTIONS OF EQUIVARIANT STABLE HOMOTOPY THEORY. I. Introduction. A fundamental problem in algebraic K-theory is the computation of the algebraic K-theory of fields. It is fundamental since the K-theory of Equivariant Stable Homotopy theory for proper actions of Discrete. Galois symmetries of 4-manifolds and equivariant stable homotopy theory. Szymik M 2002 Bielefeld. Download. No fulltext has been uploaded. References Equivariant stable homotopy theory - Wikipedia 2018?4?12?. ???? ?, EKMM ? ?????? EKMM97 ? ? ? ?, May ??? ? ? ? ? ??? equivariant stable homotopy theory ? ? ? ? ? ? A survey of equivariant stable homotopy theory - ScienceDirect of stable homotopy theory includes all of homology and cohomology theory. effortlessly to the equivariant context, giving a good stable homotopy category. RATIONAL EQUIVARIANT COHOMOLOGY THEORIES. for the map induced by f on the fixed-point set. If $H \subset K$, then. $X^H \sim X^K$. Many proofs in equivariant homotopy theory are done by induction up the fixed-point sets Equivariant Stable Homotopy Theory In this paper, we formulate and prove a duality theorem for the equivariant stable homotopy category, using the language of Verdier duality from sheaf theory. Equivariant Stable Homotopy Theory SpringerLink Title: Algebraic Rational G -Equivariant Stable Homotopy Theory for Profinite Groups and Extensions of a Torus. Principal Investigator: Barnes, Dr DJ. Galois symmetries of 4-manifolds and equivariant stable homotopy. I will not be giving a systematic introduction to stable equivariant homotopy category. This is partly Beyond algebraic topology and homotopy theory, the other. Lectures on equivariant stable homotopy theory - Mathematisches. Equivariant stable homotopy theory. Michael Hopkins. 1. We will study equivariant homotopy theory for G a finite group although this often easily generalizes to equivariant stable homotopy theory in n Lab 1 Oct 1996. It then introduces equivariant stable homotopy theory, the equivariant stable homotopy category, and the most important examples of Equivariant Stable Homotopy Theory and the Finite Descent. - Jstor ?13 Dec 2013. Abstract: Building on the work of Martin Stolz, we develop the basics of equivariant stable homotopy theory starting from the simple idea that a Algebraic Rational G -Equivariant Stable Homotopy Theory for. We review some foundations for equivariant stable homotopy theory in the context of orthogonal G - spectra. The main reference for this theory is the AMS Equivariant Stable Homotopy Theory - University of Chicago Math Abstract. One striking difference between quivariant and equivariant stable ho-. sic terminology of equivariant stable homotopy theory and concludes with. Equivariant stable homotopy theory 19 Dec 2017. Equivariant stable homotopy theory over some topological group is the stable homotopy theory of G -spectra. Notably a genuine -spectrum has homotopy groups graded not by the group of integers, but by the representation ring of usually called ROG-grading. Continuous functors as a model for the equivariant stable homotopy. in A models the whole rational S^1 -equivariant stable homotopy theory. That is its connection to algebraic K-theory, equivariant topological K-theory and Tate. SYLLABUS FOR 2016 TALBOT WORKSHOP EQUIVARIANT. invertible objects in the stable homotopy category of G -spectra in terms of a suit-. Returning to the equivariant stable homotopy category, in Section 2 we. The equivariant stable homotopy category When G is finite, one can algebraicize equivariant rational homotopy theory, by analogy with the quivariant theory. See 63. Bredon

cohomology is the basic tool in these papers. While the theory we have described looks just like equivariant theory, we emphasize that it behaves very differently computationally. Rigidity in Equivariant Stable Homotopy Theory tions in equivariant stable homotopy theory. We begin with a construction of equivariant spectra and then discuss equivariant spheres, fixed point spectra. an algebraic model for rational s_1 -equivariant stable homotopy theory Rational S_1 -equivariant stable homotopy theory. J.P.C.Greenlees. Author address: School of Mathematics and Statistics, Hicks Building, Sheffield S3 7RH. Equivariant Homotopy and Cohomology Theory - AMS Bookstore G. Bredon Equivariant Cohomology Theories. Lecture Notes in Math., Vol. 34, Springer-Verlag 1967. 14. G. Carlsson Equivariant stable homotopy theory and