Tuesday, April 5, 2016 8:54 AM Notropy separation + Markey functor Red to define G-spectra breefly Lit V be a fin dim orth rep of a finite of G. Def an onthogonal a chectrum is a collection of pointed G-space In indexed by reks with non-eavy action of O(V). For orthogonal inclusion I:V-W (need not be equa) we have structure map 5 w-tv Xv -Xw compatible with Graction and outhogonal action. Xis an SZ-epectrum if the adjoint map XV -> 52 Xw is homeo. In Ap " denote the categoin of a speatra and egin maps

Ref For HEG, TT X = Lolim TV+k XV. And a stable weak equip is a map X-Yindpen maucing isos in Tt, Honall HEG. There is a homotopy integory Ho &p in which weak equives are isomorphisms.