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Title: Stable homology of Higman-Thompson groups

Abstract: : The Higman-Thompson groups consist of certain piecewise linear automorphisms of intervals.

Szymik and Wahl prove homological stability for this family of groups, and compute the stable homology to be that of the infinite loop space of the Moore spectrum.

We give a new proof of this result using scanning methods on a topological model for the disjoint union of these groups, using Thumann's framework of operad groups.