

Torsion in homotopy

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Abstract

This will be a survey talk on progress in understanding the torsion in the homotopy groups of finite complexes. I will discuss progress on the Moore and Serre conjectures, the Barratt conjecture, and conjectures on bounds on torsion in the homotopy groups of spheres and its relationship to the Freyd conjecture (generating hypothesis). Some conjectures regarding a generalization to v_i torsion will also be discussed.