homotopy theory

classifying spaces

group actions on spaces

Lie groups

p-compact groups

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Research Member

Group Representation Theory And Applications (GRTA)

group cohomology

group representations

fusion systems

finite groups of Lie type

local-to-global questions

endo-trivial modules

G finite group

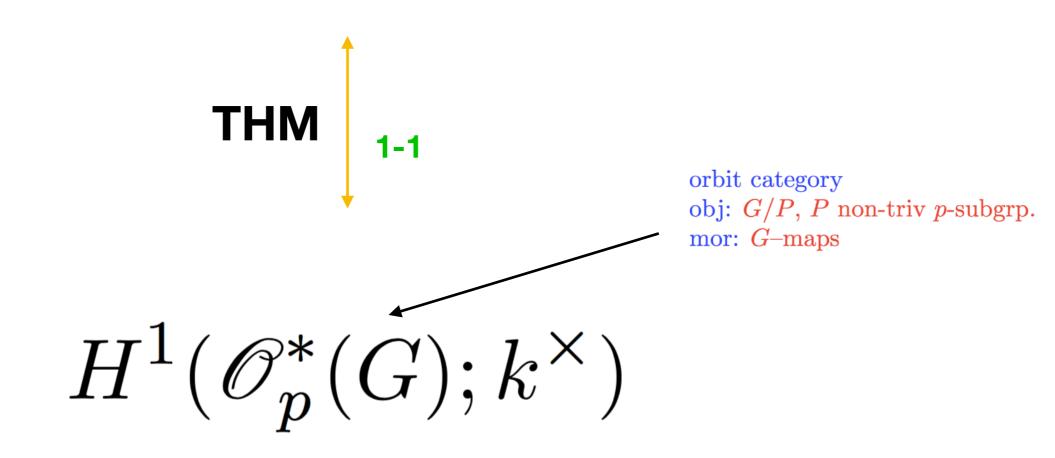S Sylow p–subgroup

k field of char p

M indecomposable kG–module

Sylow–trivial modules

($\sim$ torsion endo–trivial modules)

$$\{ \, M \mid M|_S \cong k \oplus (\text{proj}) \, \} / \cong$$

THM $\updownarrow$ **1-1**

orbit category
obj: G/P, P non-triv p-subgrp.
mor: G–maps

$$H^1(\mathscr{O}_p^*(G); k^\times)$$

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