Now a scheme picture where all this is from.
It came from trying to understand $\mathbb{E}_2$ of $\Lambda$.

What is that? $H^0$ of some sheaves on moduli stack of formal $G$-spaces.
What does that stack look like?

$$\text{spec}(k)$$

rather simple stack: affine scheme

Interested in the equivariant cohom of this $(X/k)$.

If I want to understand $H^*_G(X)$
try to break it up into the orbits of the $G$-action, build space
from cohom of orbits

$\Rightarrow H^*_G(X)$.

Each of these orbits is $G/H$.
do this for moduli stack of formal gps you fact that you are doing exactly the Lubin-Tate story

$\ell(p - \text{subspace def by } p = 0$& complement
$\ell/p_{\ell} \text{gps } @ \text{all isom}

$\Rightarrow$ only one orbit when
we remove $p = 0$, nilgps $G/p G/p$

H = autom $G/p$.

Now lets look at the thing we removed: we reduced mod $p$
& there is $\bar{G}$. If we ignore it, all the groups are isom &
$1 - 1 = \text{Morava stabilizer } G/p$

(...)

If you really want to set up that spectral sequence, you need the
$E_2$ def things to come in
gave beautiful picture with all
different periodicities, on's --
& people wanted to make this
more geometric
Ravenel conjectures
$E_n$, want stabilizer to actually act on this

MoraVa's annals paper
Ravenel green

A $k$-dim example: $k(\cdot)$ - matrices
$G_0 = GL(k) \times GL(k)$
also matrices are in same orbit $\cong$
they have same rank
so the open $O$ of max rank is big open subset $\text{det} \neq 0$
then there are also ones of the $k-1$

reason for going to $O$'s
looking at $H^*(E_n, \mathbb{Z})$ with mor.
stable $O$

- $E_2$ - term of $S. S. \Rightarrow
- K(\mathbb{Z})$ - local $\frac{\pi}{n-1}(\mathbb{C})^n$
\[ E_n \xrightarrow{\text{alg., chrom. sp. sec.}} E_{n+1} \xrightarrow{\text{geom., chrom. spec. sec.}} \]

\[ \cdots \]

\[ \text{Ext}^n_{\mathbb{H}_0}(\mathbb{H}^{2n}, \mathbb{H}^{2n}) \xrightarrow{\text{in}} \mathbb{H}^{2n} \]

\[ E^0: \text{separate out} \]

\[ \text{Wanted to separate out the part where the finite subgroups come in (they give you stuff in large cohomological dimension).} \]

\[ \text{Can compute everything about them, but they retain some non-normal info.} \]

\[ \text{Try } R \text{ versus } R_0 \text{ to compute} \]