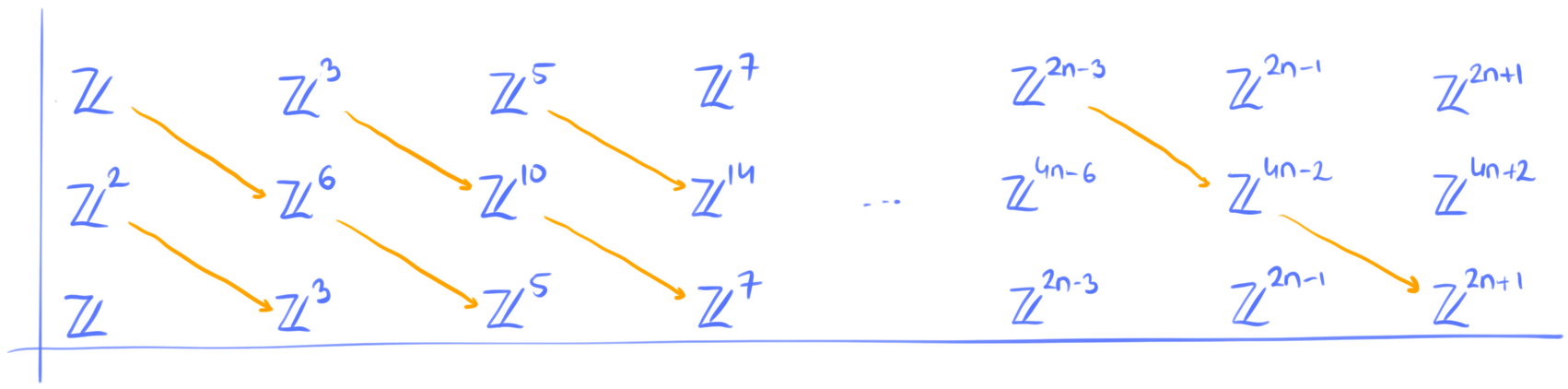
$$\mathbb{C}^\times \times \mathbb{C}^\times \longrightarrow \underbrace{E \times \mathbb{P}^1}_{\sim \mathbb{P}^1} \longrightarrow E \times^T \mathbb{P}^1$$

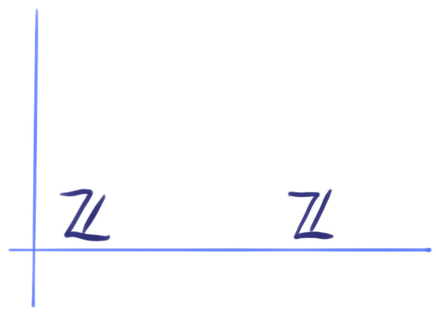
$$\underbrace{H^q(\mathbb{C}^\times)}_{\frac{\mathbb{Z}[x,y]}{(x^2,y^2)}} \otimes \underbrace{H_T^p(\mathbb{P}^1)}_{\frac{\mathbb{Z}[t,u,c]}{(c+t)(c+u)}} \Rightarrow \underbrace{H^{p+q}(\mathbb{P}^1)}_{\frac{\mathbb{Z}[t]}{(t^2)}}$$

for $S_\cdot = \mathbb{Z}[t,u]$

$E_2^{2p,0} = S_p \oplus cS_{p-1} \simeq \mathbb{Z}^{2p-1}$ for $p>2$



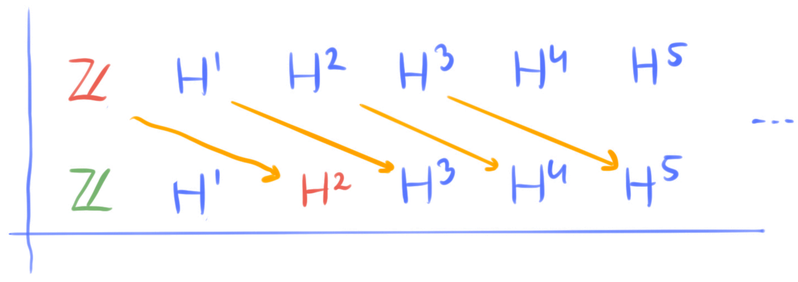
E_2



E_∞

$S^1 \longrightarrow S^3 \longrightarrow E \times^{S^1} S^3$

$$H^q(S^1) \otimes \underbrace{H_{S^1}^p(S^3)}_{H^p} \Rightarrow H^{p+q}(S^3)$$



$\Rightarrow$

$H^0 \simeq H^2 \simeq \mathbb{Z}$
$H^1 \simeq 0$
$\Rightarrow$ $E_2^{3,0} = E_\infty^{3,0}$
$H^4 \simeq H^2 \simeq \mathbb{Z}$
$\Rightarrow E_\infty^{2,1} = 0 \Rightarrow E_2^{3,0} = E_\infty^{3,0} = H^3(S^3) \simeq \mathbb{Z} \Rightarrow d^{1,p}$ iso for $p>1$, $H^p \simeq H^3 \simeq \mathbb{Z}$