$$c\left(\Omega^1_{\widetilde{W}}(\log D)^\vee \cap [\widetilde{W}]\right) = \frac{c(T\widetilde{W})}{\prod(1+D_i)} \in A^*(\widetilde{W})$$

<u>Previous work</u>

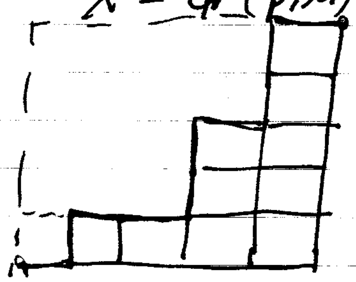
1) $$\begin{array}{ccc} E & \xrightarrow{\varphi} & F \\ & \searrow \; \swarrow & \\ & X & \end{array} \qquad \chi(D_\lambda(\varphi)) = ?$$

Harris – TU. P-P.

2) invariants of singularity (Lé, teissier, brasselet, P, P-P)

III Schubert varieties

$X = Gr(p,n)$ $\quad \lambda = (n-p \geq \lambda_1 \geq \cdots \geq \lambda_p \geq 0)$



$\lambda = (4,2,2,1,1)$ $\quad Gr(5,10)$

$\dim V \cap F_2 = 1$

$V \in Gr(p,n)$

$F_\cdot : 0 < F_1 < F_2 < \cdots < F_n = \mathbb{C}^n, \ \dim F_i = i$

$$0 < V\cap F_1 < V\cap F_2 < \cdots < V\cap F_n = V$$
$$0 \leq \dim(V\cap F_1) \leq \cdots \leq p$$

$$S_\lambda^\circ(F_\cdot) = \{V : \dim V \cap F_{\lambda_{p-i+1}+i} = i\}$$

scm cell.

<u>FACT</u> 1) $S_\lambda^\circ(F_\cdot) \simeq \mathbb{C}^{|\lambda|}$

2) $S_\lambda(F_\cdot) = \coprod_{\mu \in \lambda} S_\mu^\circ(F_\cdot)$