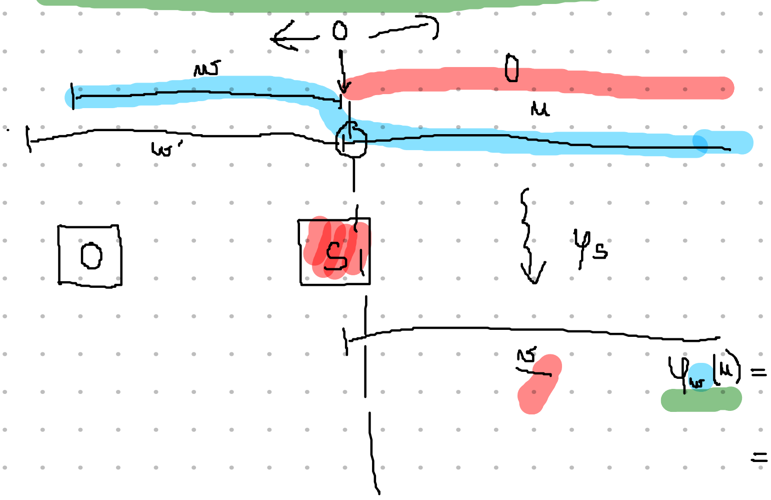
ABSTRAKTNÍ STAVY

$G : \mathbb{F}((D)) \longrightarrow \mathbb{F}((D))$



$\psi_s = \psi_w$

$K(a+b) = K(a) + K(b)$

$[\, K(a\cdot D) \neq K(a)\cdot D \quad a = D^{-1}$

$w + u \longmapsto (w+u)\,G$

$= wG + uG$

$x \quad K(x) \in \mathbb{F}[[D]]$

KAUZÁLNÍ

$\mathcal{Z}(x) \in \mathbb{F}[D^{-1}]\cdot D^{-1}$

ANTIKAUZÁLNÍ

$\psi_w(u) = v = K((w+u)G) = K(wG + uG)$

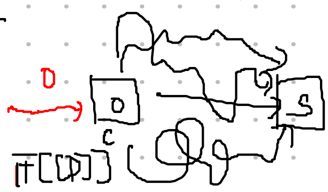
$= K(wG) + K(uG) = K(wG) + uG$

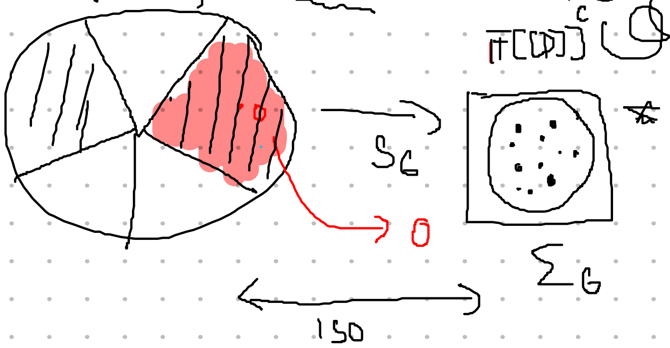
A.S

$S_G : \mathbb{F}((D)) \longrightarrow \mathbb{F}[[D]]$

$\boxed{w} \longmapsto K(\mathcal{Z}(w)\cdot G)$

$\mathbb{F}((D))^b$ mod $\mathbb{F}$





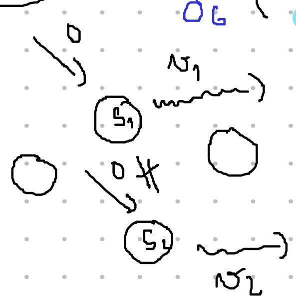
PROSTOR A.S.

$\Sigma_G = \mathbb{F}((D))^b / \sim_{S_G} = \mathbb{F}((D))^b / S_G^*$

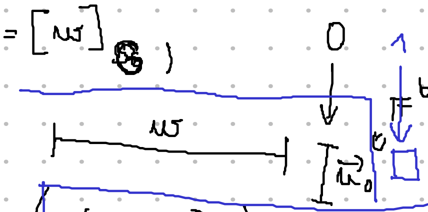
$K : \lambda(s, u) \longmapsto v$

$\delta : \longmapsto s'$

$\in \Sigma_G \quad s_1, s_2$



$s = [w]_G$



$\lambda_G, \delta_G([w]_G, \vec{u}) \longmapsto ((w + \vec{u}_0 \cdot 1)\cdot G)_0 := v$

$[w \cdot D^{-1} + u_0]$