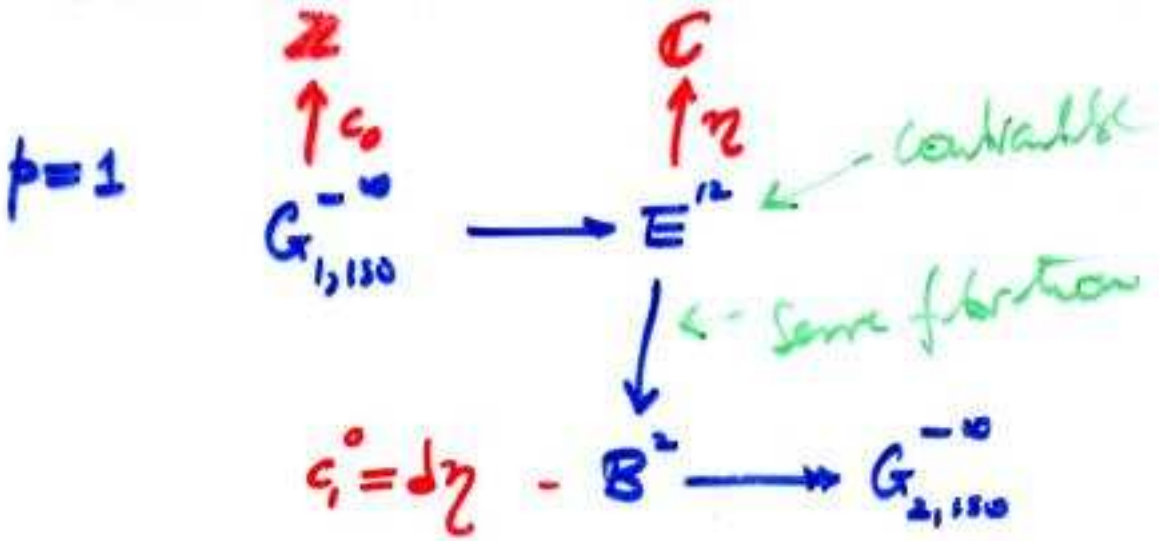
12.



$p=1$

$\pi G^{-\infty}_{1,150}$ $\quad 2\pi i \cdot c_0 = Tr_I(P^{-1} D_t P)$

πE^{12} $\quad \eta = \overline{Tr}_I(P^{-1} D_t P)$ **Transgression**

$z = e^{2\pi i \eta}$ descends to B^2
as the determinant

$c_1 = d\eta = d \log z / 2\pi i$
1st odd Chern class.