Environtial class GW invs.
$$\Leftrightarrow$$
 Poraid integrals

homological: FUK(X) \cong 0° Coh(Y)

Extended: Open Genon-Witton \iff "extended poraid
integrals

 $C_1 \subseteq X$
 $C_2 \subseteq X$
 $C_3 \subseteq X$
 $C_4 \subseteq X$
 $C_4 \subseteq X$
 $C_5 \subseteq X$

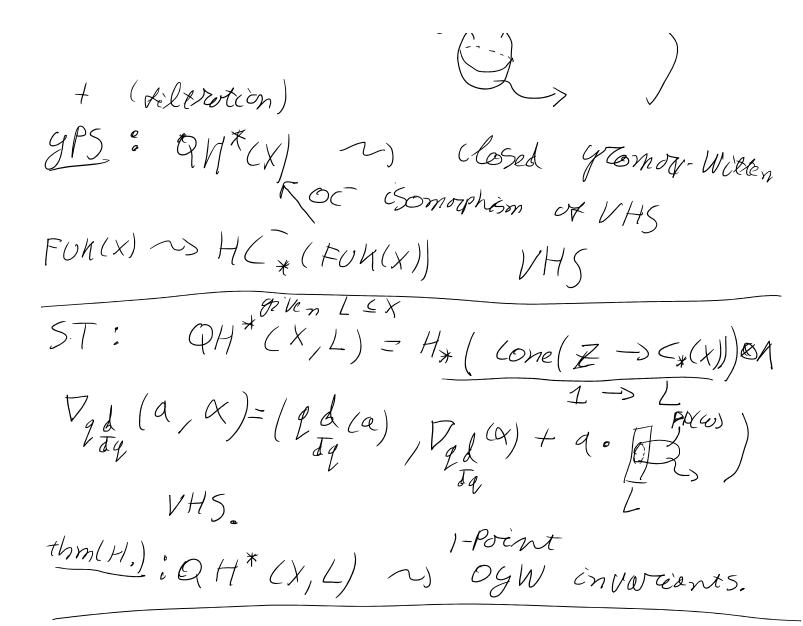
$$QH^*(X) := H_*(X) \otimes \Lambda_q$$

$$Qd(C) = Qd(C) + [w] A C.$$

$$P(w) X C.$$

$$P(w) X C.$$

$$P(w) X C.$$



F: * -> FUN(X)

* -> L.

1 -> e,

 $HC_{*}(Falls), L) = H_{*}(Cone(F_{*}: CC_{*}(*) \rightarrow CC_{*}(FUK(X))))$ \underline{homma} ; con equil they with a VH5.

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Conj : Force ogw of X.