Thm (IK): Let W be a Liouville domains, thin I a co-commutative coproduct str X! SH+(W) -> SH+(W) & SH+(W) of degree -n+3. Thm (K): Assume (X, W) is spherically monotone is P.D. to KW with TX7K>0, turn ~ the Morse-Bott split coproduct is well defined, Only consists of the simplest configuration Them (K): Let (U) le a generador of Step ($T^{*}S^{3}$), and [1] denote the unit \in Sto($T^{*}S^{3}$) then $X([U]) = [1] \otimes [1]$ Setting: open exact symp mfolds, convex and cyludrical at so. SHO (W) which knows the periodic orbits of hanton-ans. SHOW STOLM -> SHOW). () △ Operation: "rotates the orbits" coproduct i $\longrightarrow \mathcal{W}$ / Z) 4:

[seidel] is highly degenerate. Constant orbits. Secondary operation: $SH_+(W) \longrightarrow SH_+(W) \otimes SH_+(W)$ parametered by the Unit internal. "inter polates between for degenerate schotons. SHP(W) = SHr(W) (constant orbits.) product grand dues not descend to SHEP (W). $\int \frac{1}{2} = \frac{1}{2} \frac{1}{2}$ (2) chus-sullwan string topology of a homotopy invariant. pm ducat but becent results by Florian Nact, Goresky - Hugston coproduct is not a homotory invariant. (knows alart simple benetopy tops).

about simple benetopy topes), invariant, (Knows Coproduct Str on Steo(W) 1 an operation parametried by S3. Stolung Stolung Stolun, Computation for complements of smorth dusons, [Diago, Sisi]. (X,D) is a monotone pair. a roh of D, complete Stretch YXIR StroW ~ GW invarants of D, GW invarants in X relative to D

For \mathcal{F} (oproduct, you any read