







8BV touchism & Homolylal megnether (S = Homology) Calulus Perisit Let M oriented compare monifold. d'in M=n (si(M), d) de Plan Conplus $\left(\begin{array}{c} \\ \\ \\ \\ \end{array}\right) \left(\begin{array}{c} \\ \\ \\ \end{array}\right) \left(\begin{array}{c} \\ \\ \\ \end{array}\right)$ \Rightarrow $H_{d_{\mathcal{R}}}^{n}(M) = \mathbb{R}$ $\alpha \in \Omega^{\infty}(M) \longrightarrow \int_{M} \alpha$ $= \int_{\mathbb{R}} \int_{\mathbb{R}}$ $\langle n \rightarrow \infty \rangle$ Betalm-Vilkvoishy (BU) formellom. Refle polyvector field. PVKCM) := P (M, NK FM) PV'(M) = Ppvk(M) Cet 2 de a fixed volume form on M, LANGEN = WIS louly of 2 = e dan ndx M = Mi2---in Din n --- 1 Dik Then MJT = ZI Mix e dx 1 S PV > PV W.r.t D (BI-opener) \mathcal{N} \mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A} PV^ = PV^-2 => PV°

