

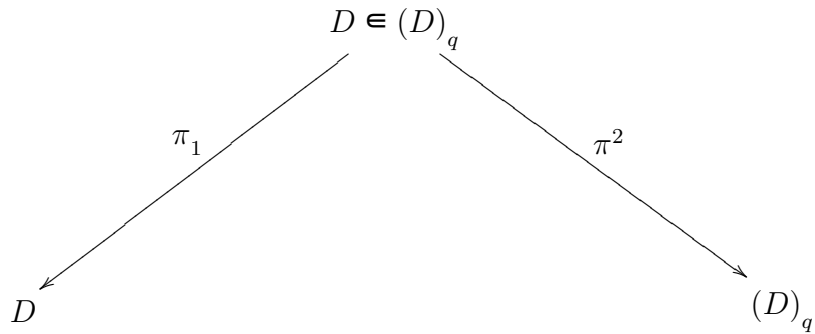
flag domain $D = G^{\mathbb{R}} \cdot o = G^{\mathbb{R}} / G^{\mathbb{R}} \cap Q \subset G^{\mathbb{C}} / Q$ flag manifold

D type $q \Rightarrow$ many q cycles $(D)_q$

$$G^{\mathbb{R}} / K^{\mathbb{R}} \subset (D)_q \underset{\text{off}}{\subset} G^{\mathbb{C}} / K^{\mathbb{C}}$$

$(D)_q$ type 0

$$\text{incidence } D \in (D)_q = \frac{z:\zeta \in D \times (D)_q}{z \in \zeta}$$



$$E \xrightarrow[\text{VB}]{\pi} D$$

$$\pi_*^2 \pi_1^* E \xrightarrow[\text{VB}]{} (D)_q$$

$$H^q(D:E) = H^0((D)_q; \pi_*^2 E)$$