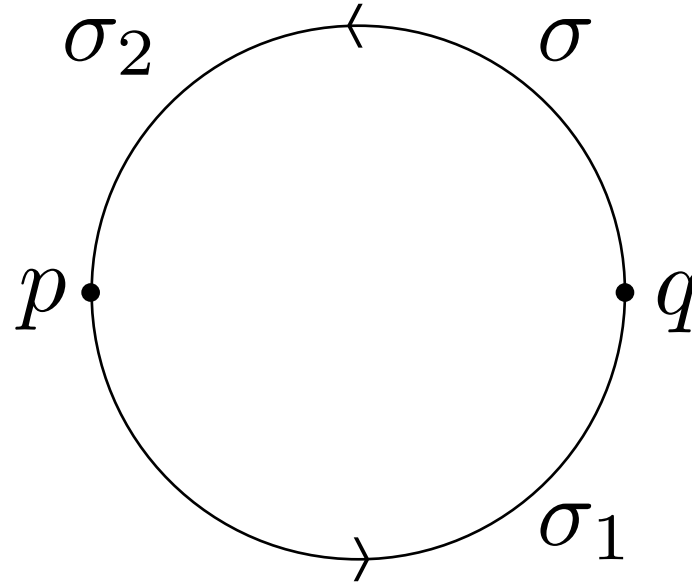


$$\sigma \in C_1(S^1)$$

$$d\sigma = \sigma_p - \sigma_p$$



$$d(\sigma_1 + \sigma_2)$$

$$= \sigma_q - \sigma_p + \sigma_p - \sigma_q$$