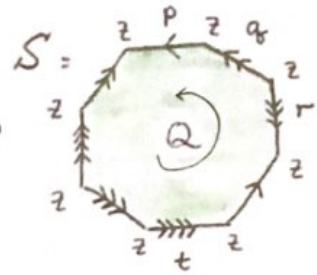


Find presentations of H_1, H_2 for

for

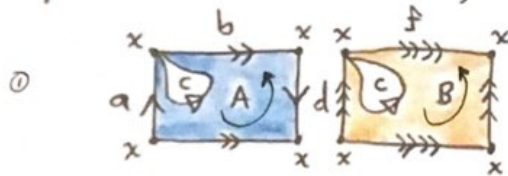


$$\textcircled{1} \partial_2 z = 0; \partial_1 p = \partial_1 q = \partial_1 r = z - z = 0$$

$$\partial_1 t = z - z = 0.$$

$$\partial_2 Q = p + q - r + p + t + r - t - q = 2p$$

Find presentations of H_1, H_2 for $K^2 \# T^2$



$$\textcircled{2} \partial_0 x = 0$$

$$\partial_1 a = \partial_1 b = \partial_1 c = \partial_1 d = \partial_1 f = 0$$

$$\partial_2 A = b - a - b - c - a = -2a - c$$

$$\partial_2 B = f + d - f - c - d = -c$$