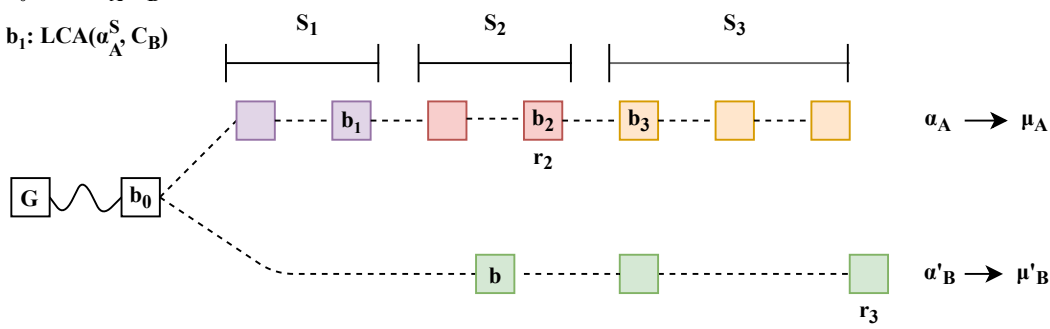
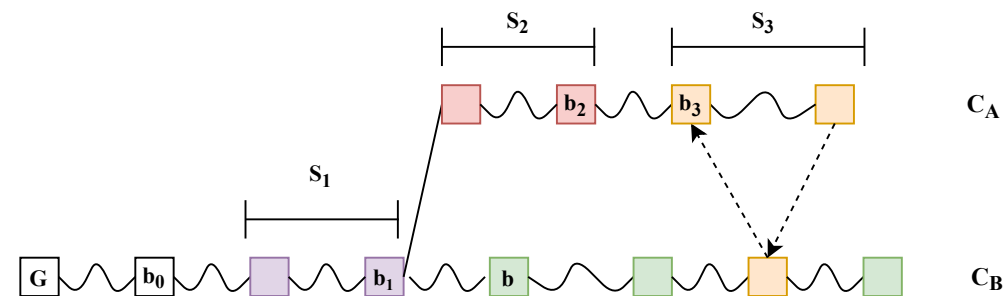


b_0 : $\text{LCA}(\pi_A, \pi_B)$

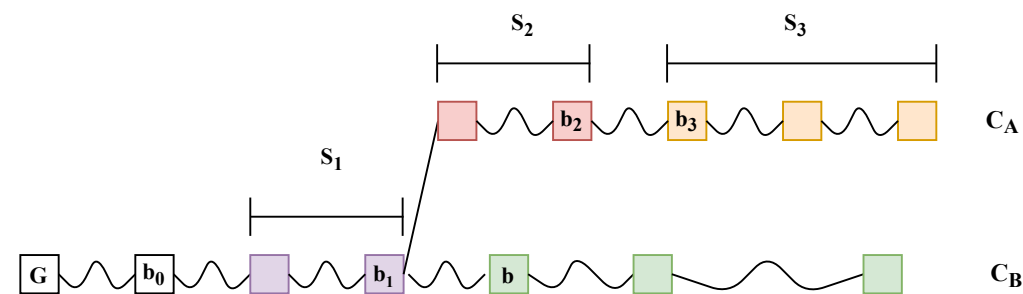
b_1 : $\text{LCA}(a_A^S, C_B)$



I.



II.



III.