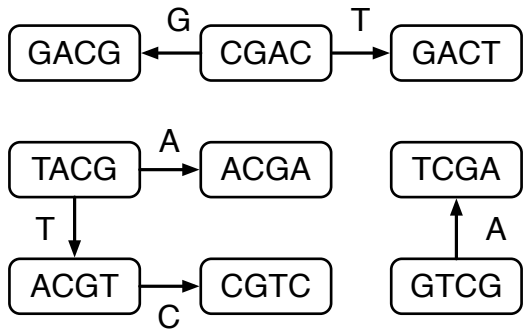


(a) $k = 2$



(b) $k = 4$