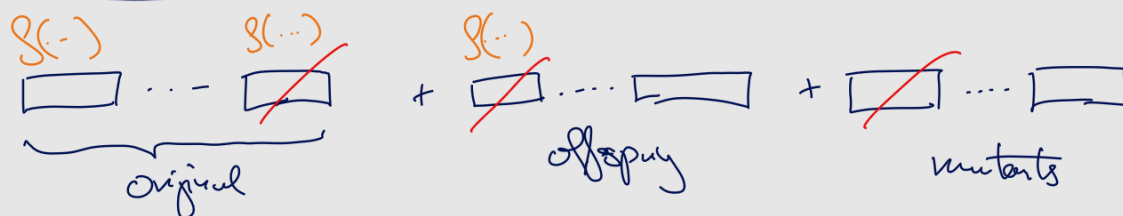
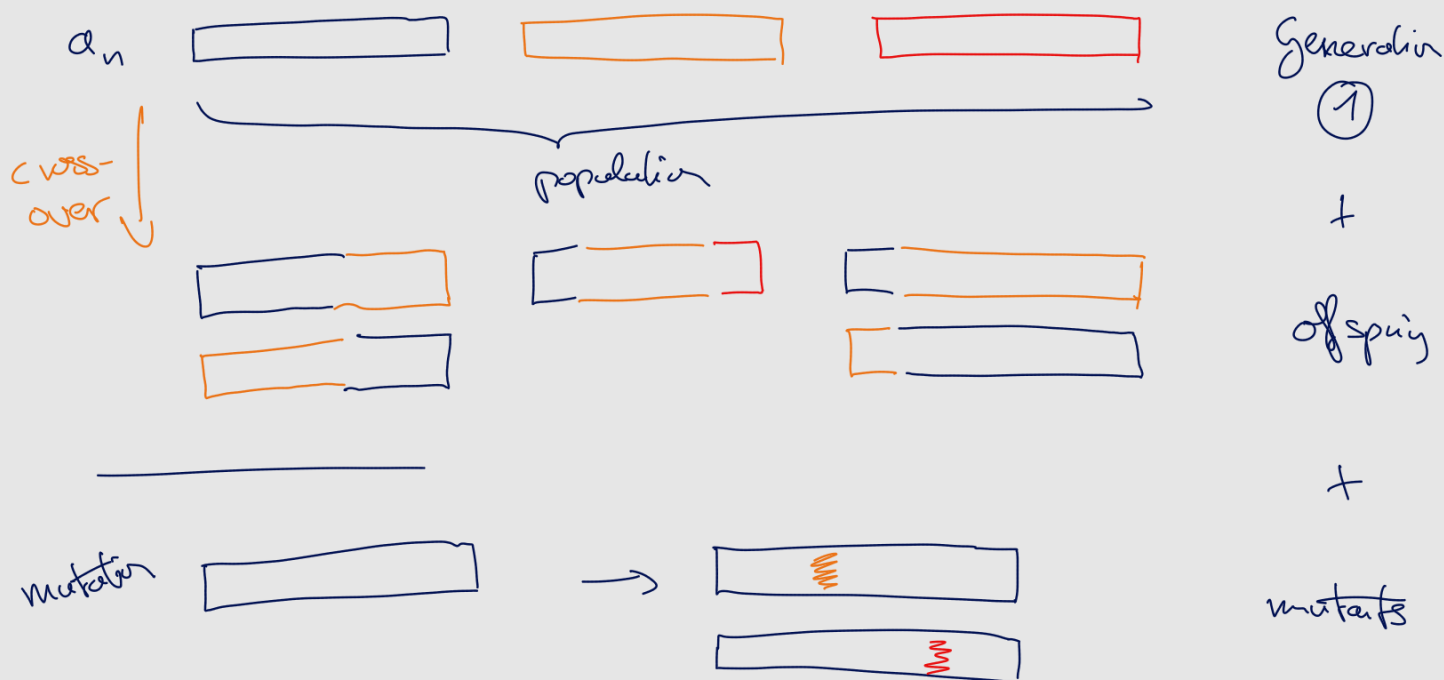
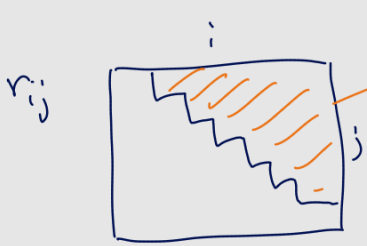
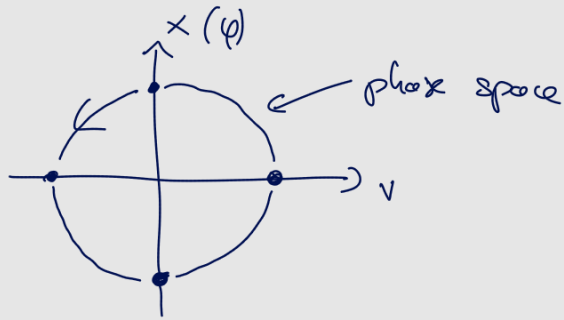
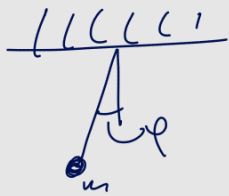


$$\nabla_{\vec{R}} f = \nabla f(\vec{R}) \equiv \left(\frac{\partial}{\partial x_1} f(\vec{R}), \frac{\partial}{\partial x_2} f(\vec{R}), \dots, \frac{\partial}{\partial x_n} f(\vec{R}) \right)$$



f : fitness function





$$V_{L3} = \sum_i \sum_{j>i} 4\epsilon \left[\left(\frac{\sigma}{r_{ij}} \right)^{12} - \left(\frac{\sigma}{r_{ij}} \right)^6 \right]$$

(An orange box labeled ds is positioned above the equation, and an orange bracket is positioned below it.)

