

Set  $S_i \subset \mathbb{X}$  of one or multiple interesting solutions

Select set  $S_1$  from joint set  $P_0 = S_0 \cup N_0$  **by preferring solutions  $x \in P_0$  with better  $f(x)$**

Derive set  $N_i \subset \mathbb{X}$  of new solutions by applying search operators to elements of  $S_i$