

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 $N_0 \subset \mathbb{X}$ of new solutions by applying search operators to elements of S_0