

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

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

Select set S_{i+1} from joint set $P_i = S_i \cup N_i$ **by preferring solutions $x \in P_i$ with better $f(x)$**