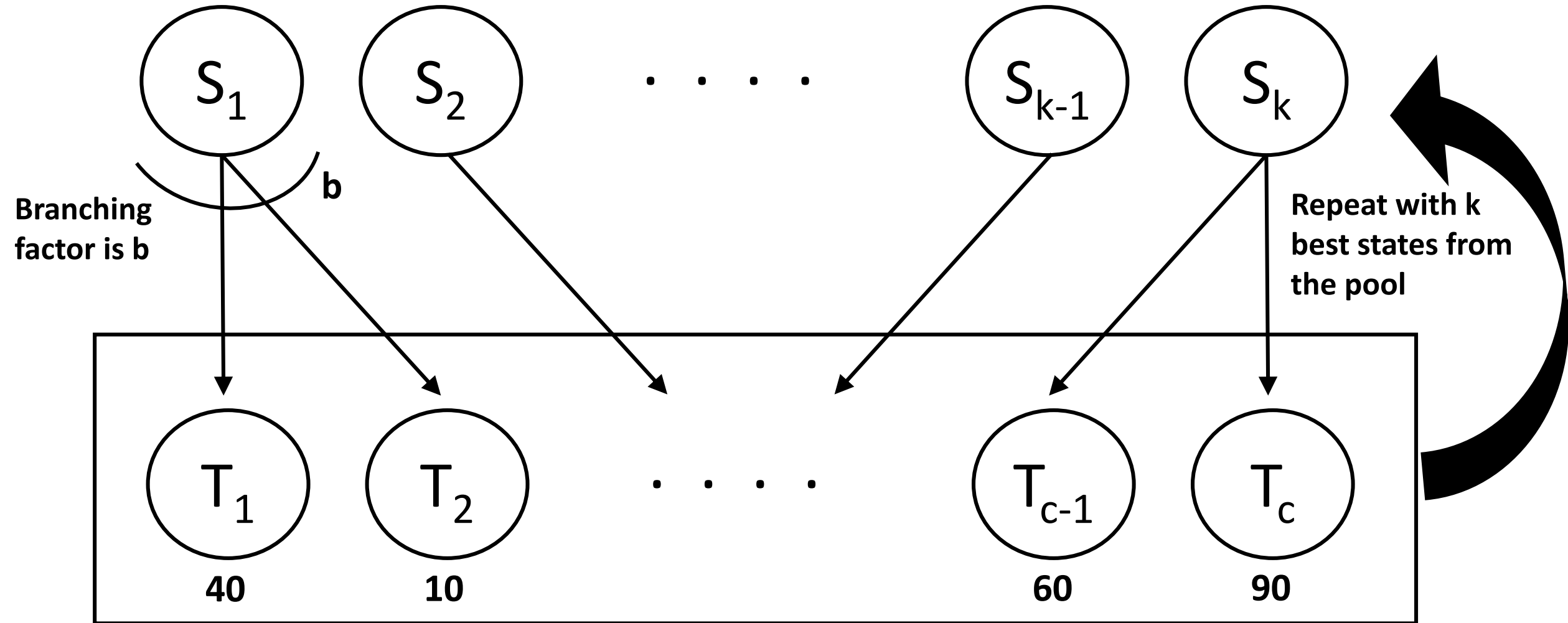


Local Beam Search (Classical)

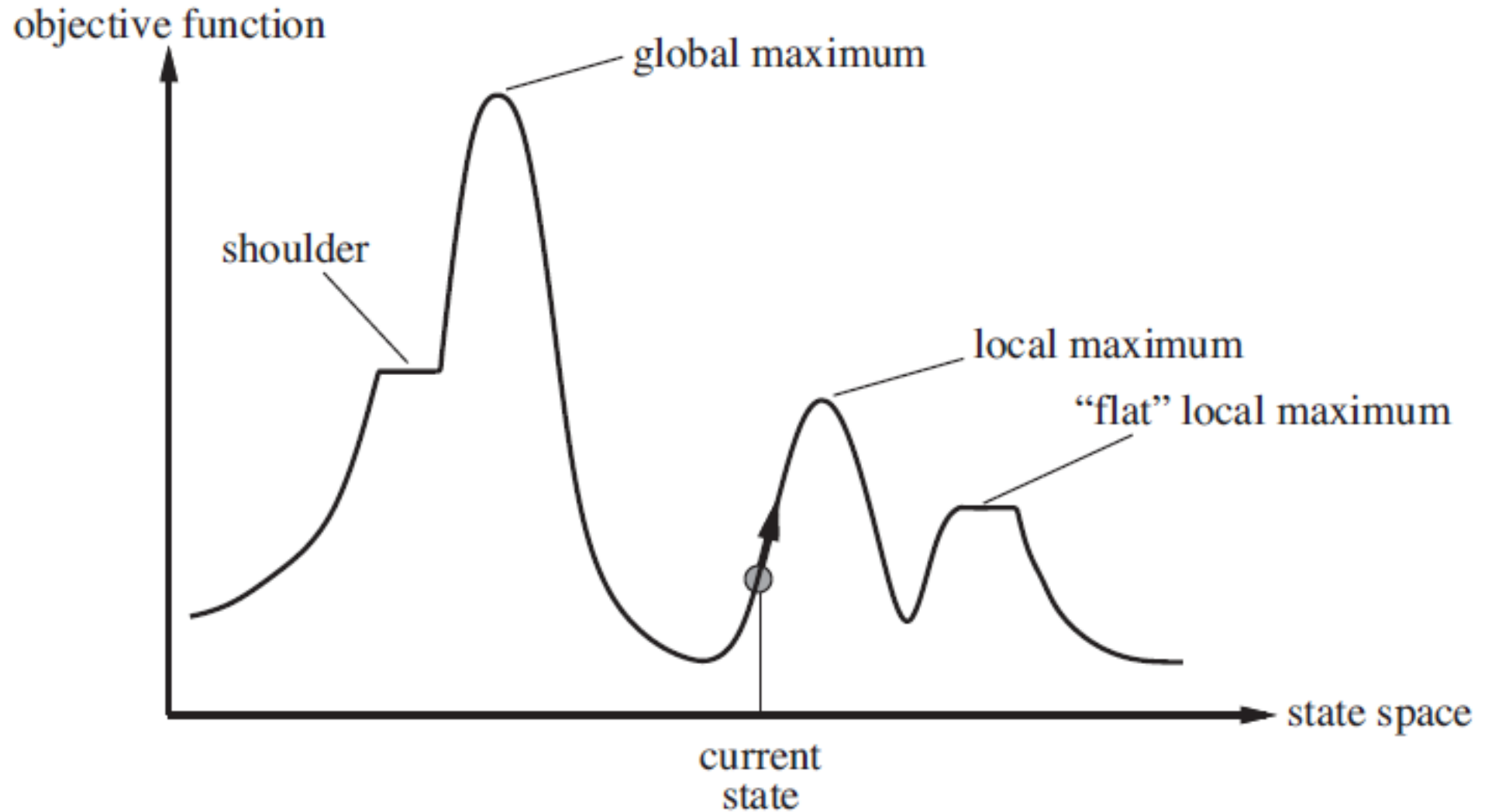
Start the search from K randomly selected states.



Pool of C states, generated from initial k states...

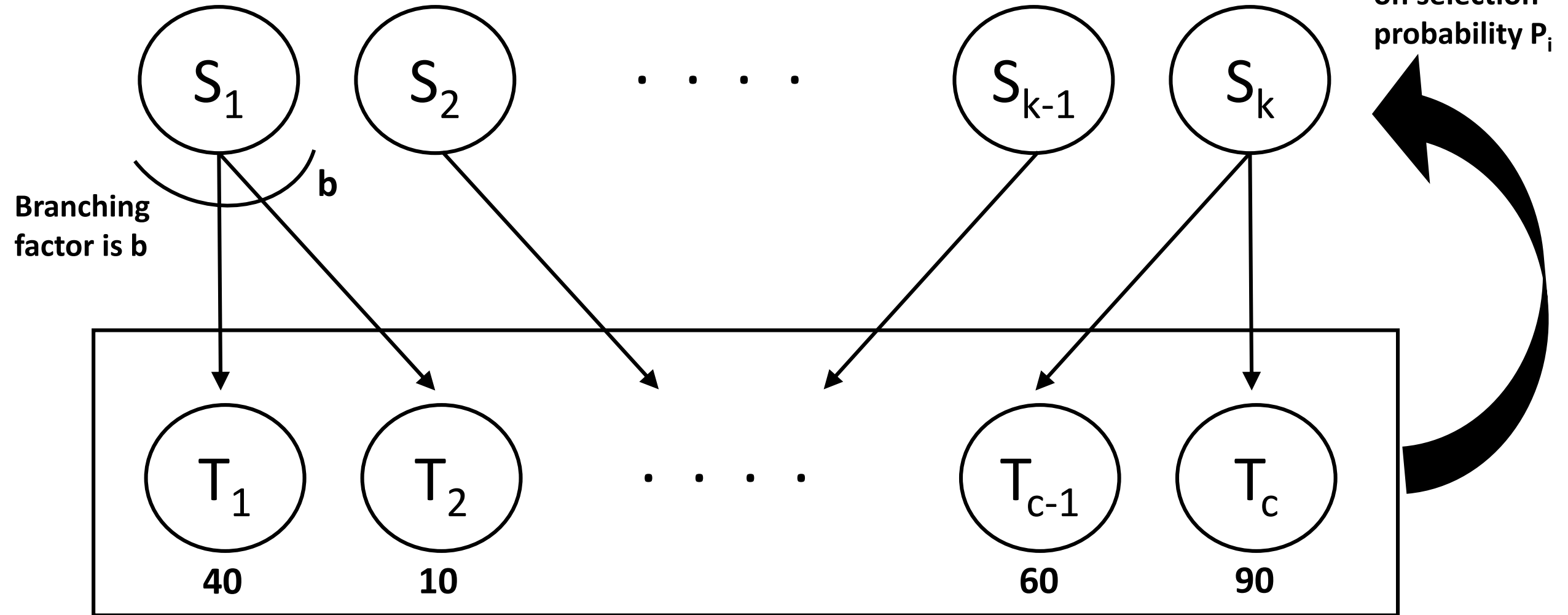
Where, $c = b \times k$

Search Landscape



Stochastic Local Beam Search

Start the search from K randomly selected states.



Pool of C states, generated from initial k states...

Where, $c = b \times k$

Selection Probability of i th State:

$$P_i = \frac{Fitness(T_i)}{\sum_{i=1}^c Fitness(T_i)}$$