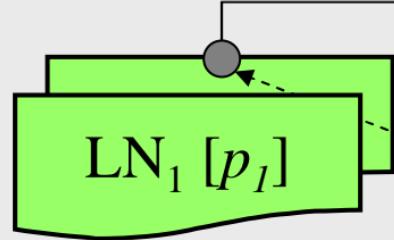
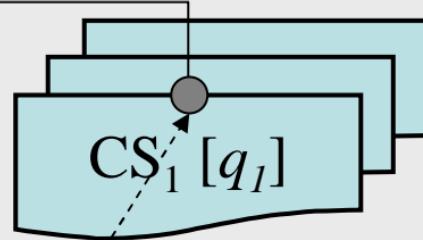


## Large Neighborhoods portfolio



## Completion Strategies portfolio



Reward  $r$

Selection

Reinforcement

First solution

LN<sub>i</sub> [P<sub>i</sub>]

Relax fragment

CS<sub>j</sub> [Q<sub>j</sub>]

Solve

Limit reached  
Yes  
No