## INFORMED [HEURISTIC] SEARCH

Heuristic: "A rule of thumb, simplification, or educated guess that reduces or limits the search for solutions in domains that are difficult and poorly understood."

2

1





![](_page_2_Figure_0.jpeg)

![](_page_2_Figure_1.jpeg)

![](_page_3_Figure_0.jpeg)

![](_page_3_Figure_1.jpeg)

![](_page_4_Figure_0.jpeg)

1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
-	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
-	
1	
1	
1	
1	
-	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
-	
1	
1	
1	
1	
1	
10	
. 10	
, 10	

![](_page_5_Figure_0.jpeg)

![](_page_5_Figure_1.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Picture_1.jpeg)

Discrete Gradient Descent (222)

Simulated Annealing (75)

14