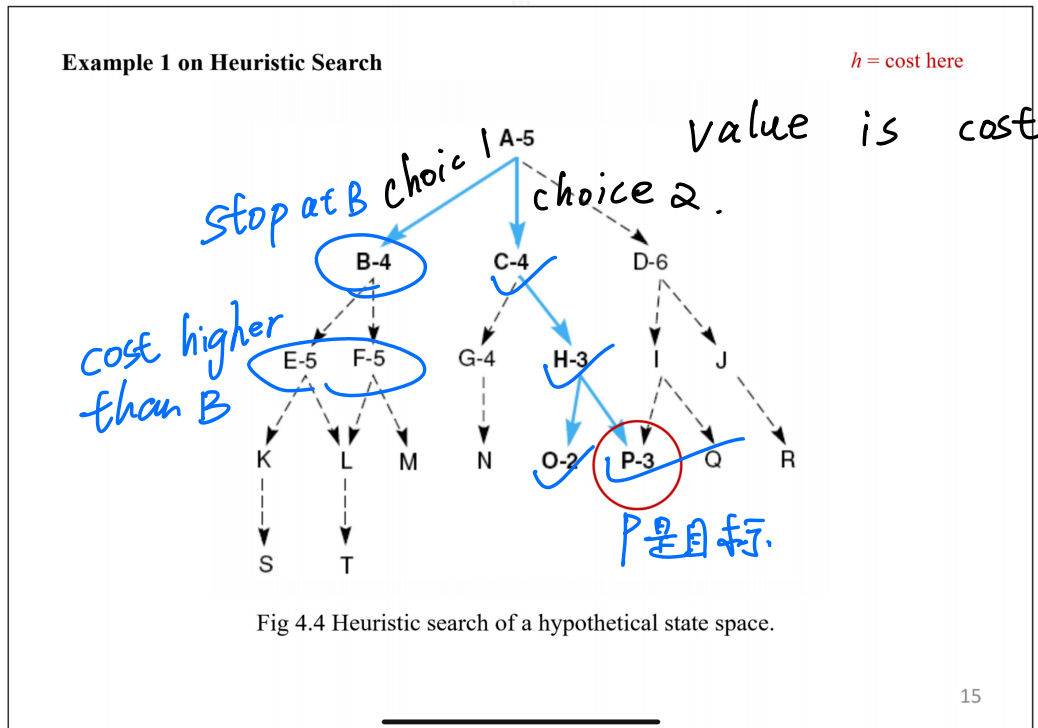


# Example 1 on Heuristic Search



Solution

Initialize	open = [A5]	closed = []
evaluate	open always sorted	close
A5	B4 C4 D6	A5
B4	C4 E5 F5 D6	B4 A5
C4	H3 G4 E5 F5 D6	C4 B4 A5
H3	O2 P3 G4 E5 F5 D6	H3 C4 B4 A5
O2	P3 G4 E5 F5 D6	O2 H3 C4 B4 A5

△ the solution is found!