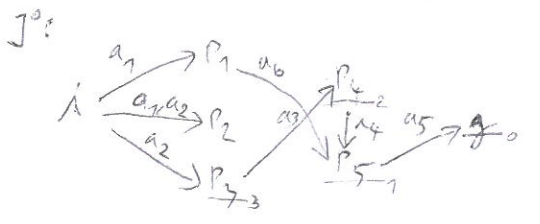


| ACT | PRE | ADD | DEL | COST | COST ¹ | COST ² | COST ³ | COST ⁴ |
|--------------------------|--|---|---------------------------------|------|-------------------|-------------------|-------------------|-------------------|
| a₁ | A | P₁, P₂ | ∅ | 2 | 2 | 2 | 2 | 2 |
| a ₂ | i | P ₂ , P ₃ | ∅ | 3 | 3 | 3 | 3 | 2 |
| a ₃ | P ₁ , P ₃ | P ₄ | P ₃ | 1 | 1 | 1 | 0 | 0 |
| a ₄ | P ₂ , P ₄ | P ₅ | P ₂ | 3 | 3 | 0 | 0 | 0 |
| a ₅ | P ₁ , P ₃ , P ₅ | g | P ₃ , P ₄ | 1 | 0 | 0 | 0 | 0 |
| a ₆ | P ₁ | P ₅ | P ₁ , P ₃ | 5 | 5 | 2 | 1 | 0 |

$i^* = 12$ LANDMARK HEURISTIC (LT-CUT)
 PLAN (OPTIMAL): a₁, a₆, a₂, a₇

$h_{max}^0: \lambda=0, P_1=2, P_2=2, P_3=3, P_4=4, P_5=7, g=8$



$L^0 = \{a_5\}, COST^0(L^0) = 1$
 $COST^1: \dots, a_5 = 0$

$h_{max}^1: \lambda=0, P_1=2, P_2=2, P_3=3, P_4=4, P_5=7, g=7$

$J^1 = J^0$
 $L^1 = \{a_4, a_6\}, COST^1(L^1) = 3$
 $COST^2: \dots, a_4=0, a_6=2, a_5=0$

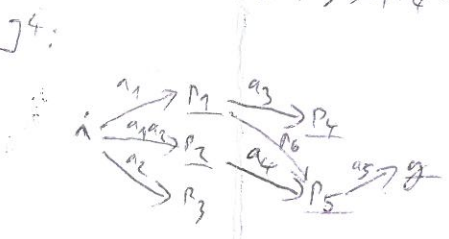
$h_{max}^2: \lambda=0, P_1=2, P_2=2, P_3=3, P_4=4, P_5=4, g=4$
 $J^2 = J^1$

$L^2 = \{a_3, a_6\}, COST^2(L^2) = 1$
 $COST^3: \dots, a_3=0, a_4=0, a_5=0, a_6=1$

$h_{max}^3: \lambda=0, P_1=2, P_2=2, P_3=3, P_4=3, P_5=3, g=3$

$J^3 = J^2$
 $L^3 = \{a_2, a_6\}, COST^3(L^3) = 1$
 $COST^4: \dots, a_2=2, a_3=0, a_4=0, a_5=0, a_6=0$

$h_{max}^4: \lambda=0, P_1=2, P_2=2, P_3=2, P_4=2, P_5=2, g=2$



$L^4 = \{a_1, a_6\}, COST^4(L^4) = 2$
 $COST^5: \dots$
 $h_{max}^5: g=0, \dots$

$h_{LT-cut} = COST^0(L^0) + COST^1(L^1) + COST^2(L^2) + COST^3(L^3) + COST^4(L^4) = 1 + 3 + 1 + 2 = 7$