

# RELAXATION HEURISTICS

ACT	PRE	ADD	DEL
$a_1$	A	C, D	A
$a_2$	A, B	E	$\emptyset$
$a_3$	B, E	D, F	A, E
$a_4$	B	A	$\emptyset$
$a_5$	D, E	G	E

INIT: A, B  
GOAL: F, G

PLAN (NOT RELAXED):

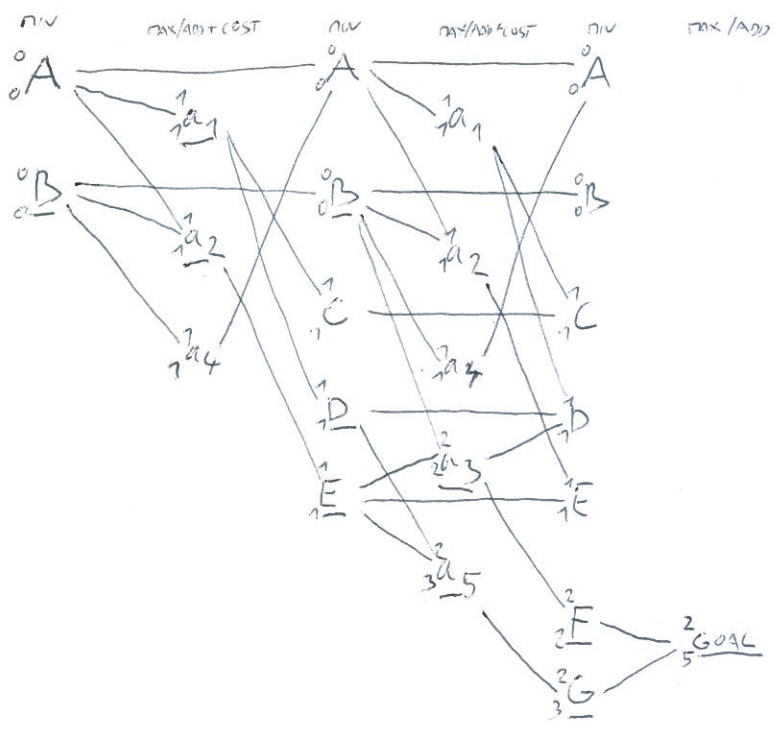
- A, B
- $a_2$
- A, B, E
- $a_3$
- B, D, E
- $a_4$
- A, B, D, E
- $a_2$
- A, B, D, E, E
- $a_5$
- A, B, D, G, E

↑ IGNORE IN RELAXATION

COST/LENGTH = 5

## RELAXED PLANNING GRAPH :

~~PAS~~  
~~ADD~~ ← MARKED



$h_{max} = 2$   
 $h_{ADD} = 5$

RELAXED PLAN:  $a_1, a_2, a_3, a_5$

$h_{FF} = 4$