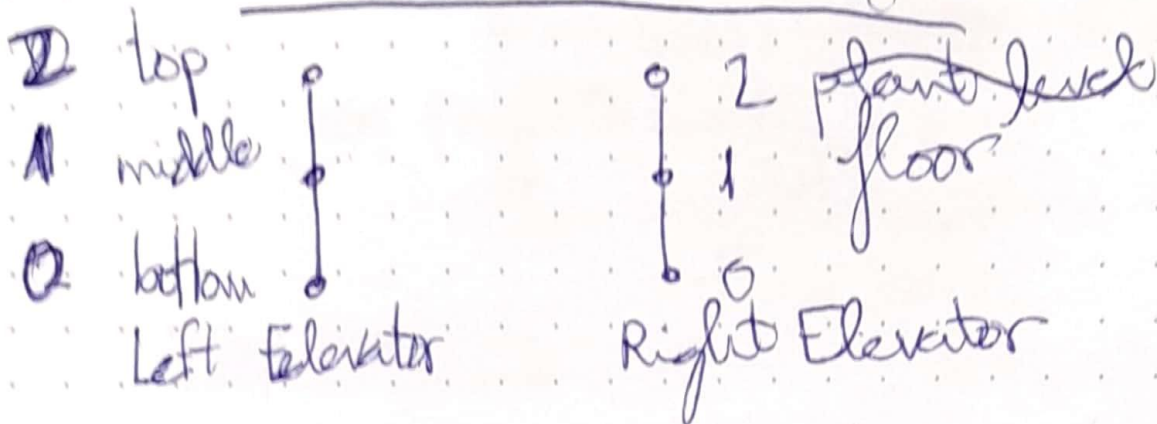


ELEVATOR PROBLEM



If LE is

Open

Action

<u>Mux</u>	<u>LE</u>	<u>RE</u>	<u>Action</u>
Any	top	top	Any
LE	0	1	USE
LE	0	2	
RE	1	0	USE
Any	1	1	MOVE
LE	1	2	
RE	2	0	MOVE
RE	2	1	MOVE
Any	2	2	

Make f
Open lowest Elev.

move (leftElevator) :-

floor (leftElevator, 1),
floor (rightElevator, 2),

move (rightElev) :-

floor (leftElev, 2),
floor (rightElev, 1).

KB

floor (leftElev, 1)
floor (rightElev, 2)

use (left Elevator) :-
floor (left Elevator, 0).

use (right Elevator) :-
floor (right Elevator).

GENERALIZACIÓN A "N" PLANTAS

Si $\text{floor}(\text{leftE}) \leq \text{floor}(\text{rightElev})$
make (leftE).

Si $\text{floor}(\text{rightE}) < \text{floor}(\text{leftElev})$
make (rightE).

Si $\text{floor}(\text{leftE}) = 0$
use (leftE).

Si $\text{floor}(\text{rightE})$
use (rightE).