tost 6 > We can assume that those one 5 stoler for each fredicate if auch fredicate have only regument. Then those are $2^{4\times5} = 2^{20}$ states.

Af each festicate has hargument, then there are 5" states for each freducate.

So there are $2^{4 \times 5^{4}} \Rightarrow 2^{2500}$ states So, tight bound $\Rightarrow [2^{20}, 2^{2500}]$

tosk ? > if successful, the beat ends up where we want it.

if unsuccessful, the least is book to be origin êcle

I sorline Replanning - We do not notify anything.

if the least is is belown off the course,

We try again or replan.

2 - Des Conditional flanning action" novel one adult

Parameters (adult, boat, brom, to)

Precondition [A DULT (A) 1 BOAT (B)

1 STDE (from) 1 STDE (to)

Nloe (A, brom) Nloe (loat, brown)

Effect: [lex (A, to)1 lex (B, to)1)

7 lex (A, from) 1 7 lex (B, from)

V [APULT (A) N BOAT (B) A SIDE (from) A SIDE (to)

A loc (A, from) 1 loc (B, from)]

The same can be done to move a

All as well.