



$\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$ $\frac{G}{C} \frac{E}{M} D$

$\Pi: \langle \text{pickup } G, \text{stack}(G, E), \text{unstack}(C, M), \text{putdown } C, \text{unstack}(G, E), \text{putdown } G, \text{unstack}(E, D), \text{stack}(E, M), \text{pickup } G, \text{stack}(G, E) \rangle$

$\{ \text{on}(E, M), \text{on}(G, E) \}$ $\text{on}(E, M)$ $\text{on}(G, E)$ $\text{stack}(G, E)$ $\{ \text{hold } G, \text{clear } E \}$ $\text{hold } G$ $\text{clear } E$ $\text{pickup } G$ $\{ \text{AE, clear } G, \text{out } G \}$ AE $\text{clear } G$ $\text{out } G$	$\text{stack}(E, M)$ $\{ \text{hold } E, \text{clear } M \}$ $\text{hold } E$ $\text{clear } M$ $\text{unstack}(E, M)$ $\{ \text{AE, clear } E, \text{on}(C, M) \}$ AE $\text{clear } E$ $\text{on}(C, M)$ $\text{unstack}(E, D)$ $\{ \text{AE, clear } E, \text{on}(E, D) \}$ AE $\text{clear } E$ $\text{on}(E, D)$	$\text{unstack}(G, E)$ $\{ \text{AE, clear } G, \text{on}(G, E) \}$ AE $\text{clear } G$ $\text{on}(G, E)$ $\text{putdown } G$ $\{ \text{holding } G \}$ $\text{holding } G$ $\text{putdown } G$ $\{ \text{holding } G \}$ $\text{holding } G$	$\{ \text{on}(E, M), \text{on}(G, E) \}$ $\text{on}(E, M)$ $\text{on}(G, E)$ $\text{stack}(G, E)$ $\{ \text{hold } G, \text{clear } E \}$ $\text{hold } G$ $\text{clear } E$ $\text{pickup } G$
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For the subgoal ordering given in the goal description (and using the given tie breaking rules), does the Goal Stack Planning algorithm find an optimal plan?

OPTIONS:

☐ Yes

☐ No

☐ Cannot be determined

Your score : 0

$\langle \text{unstack}(C, M),$
 $\text{putdown}(C),$
 $\text{unstack}(E, D),$
 $\text{stack}(E, M),$
 $\text{pickup}(G),$
 $\text{stack}(G, E) \rangle$

Discussions (0)

Flag