Planning P>8 汉法培 move 动作的公理 moveldisc, from, to) Visc Yfrom Vto clear (disc, s) ^ clear (to, s) ^ relear (from, s) ^ smaller (disc, from, s) ^ smaller (disc, to, s) ^ on (disc, from, s) ^ on (disc, to, s)

-> clear (from, do (# move(disc, from, to), s))

1 -> clear (to, do (move(disc, from, to), s))

1 on (disc, to, do (move(disc, from, to), s))

1 -> clear (from, do (move(disc, from, to), s))

1 -> clear (from, do (move(disc, from, to), s))

## 初龄知识序:

clear (d1, So), clear (Peg 2, So), clear (Peg 3, So), on (d1, d2, So), on (d2, d3, So), on (d3, Peg 1, So), smaller (d1, d2), smaller (d2, d3), smaller (d3, d3), smaller (d1, Peg 1), smaller (d2, Peg 1), smaller (d3, Peg 1) smaller (d3, Peg 2), smaller (d3, Peg 2), smaller (d3, Peg 3), smaller (d3, Peg 3), smaller (d3, Peg 3)

Is clear (Peg1, S)  $\land$  clear (Peg3, S)  $\land$  clear (d1, S)  $\land$  on (d2, d3, S)  $\land$  on (d2, d3, S)  $\land$  on (d3, Peg2, S)

```
Planning PS4 机器人房间
move 动作的STRIPS表示: move (from to)
   Pre { at (from), visited (from), connected (from, to), connected (to, from)}
   Add { at (to), visited (to) }
    Del { at (from) }
初始知识库.
```

全 a=(xo,yo), b=(x1,y1), C=(xo,yo), d=(x1,y0) connected (a,b), connected(b,a) connected (a, c), connected (c, a) connected (c,d), connected (d,c) connected (b, d), connected (d, b) at (b), visited (b)

林:

visited (a), visited (b), visited (c), visited (d)