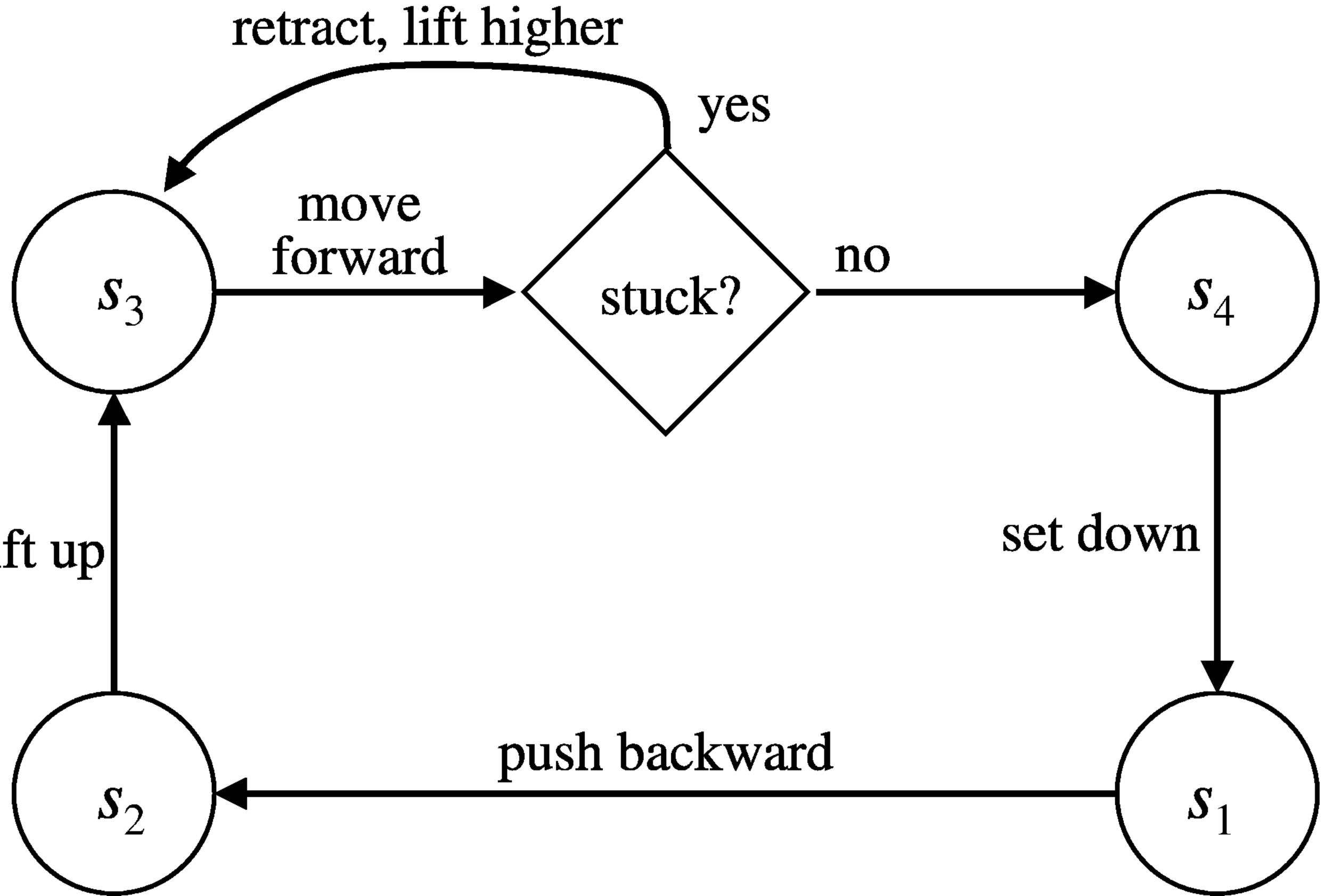
retract, lift higher
yes
move
forward
s_3
stuck?
no
s_4
lift up
set down
push backward
s_2
s_1