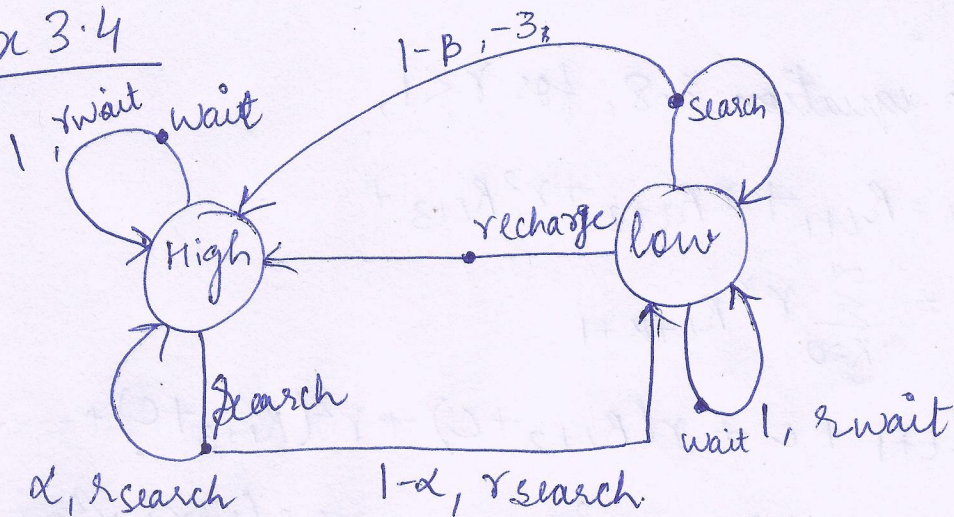


Ex 3.4



s	a	s'	$p(s' s,a)$	$r(s,a,s')$	$p(s' s,a)$
high	search	low	α	r_{search}	α
high	search	low	$1-\alpha$	r_{search}	$1-\alpha$
high	search	low	$1-\beta$	-3	$1-\beta$
low	search	high	β	r_{search}	β
low	search	low			
high	wait	high	1	r_{wait}	1
low	wait	low	1	r_{wait}	1

Since there is only one reward for every state, action & next state so, the probability of state transition ~~is equal to~~ $p(s'|s,a)$ probability of state-transition.