

$s$	$a$	$s'$	$p(s' \mid s, a)$	$r(s, a, s')$
high	search	high	$\alpha$	$r_{\text{search}}$
high	search	low	$1 - \alpha$	$r_{\text{search}}$
low	search	high	$1 - \beta$	$-3$
low	search	low	$\beta$	$r_{\text{search}}$
high	wait	high	$1$	$r_{\text{wait}}$
high	wait	low	$0$	$-$
low	wait	high	$0$	$-$
low	wait	low	$1$	$r_{\text{wait}}$
low	recharge	high	$1$	$0$
low	recharge	low	$0$	$-$