









































☆	Distributed Control Algorithm
Algo	orithm 4 Optimal Search Control Algorithm (Distributed Control)
1:	$k \leftarrow 0$
2:	while 1
3:	if $mod(k,g) = 0$
4:	Compute $\mathcal{V}(y_k^{(1:n_a)})$
5:	Compute $C_{\mathcal{V}_l}$ from (19)
6:	end if
7:	Compute $\tilde{\mathcal{Y}}_{k+1:k+\ell}^{(l)}$ by solving DCOSCP
8:	Compute $u^{(l)}(t), t \in [t_k, t_{k+f}]$ from $\tilde{\mathcal{Y}}^{(l)}_{k+1, k+f}, (14), (15)$
9:	Input $u^{(l)}(t), t \in [t_k, t_{k+1})$
10:	$k \leftarrow k+1$
11:	end while









